

EXHIBIT S

ARROYO GRANDE CREEK CHANNEL LEVEE RAISE FOR ALTERNATIVE 3A

CONCEPTUAL PLANS

SHEET INDEX

C1	COVER SHEET
C2	PROJECT AREA OVERVIEW
C3-C13	PLAN AND PROFILE SHEETS
C11	TYPICAL SECTIONS

PROJECT DESCRIPTION

THESE PLANS PROVIDE DETAILS FOR THE ARROYO GRANDE CREEK CHANNEL LEVEE RAISE PROJECT, ALTERNATIVE 3A, IN SAN LUIS OBISPO COUNTY, CALIFORNIA. WORK SHALL CONSIST OF PLACEMENT OF FILL MATERIAL ON EXISTING LEVEES AND UTILITY MODIFICATIONS.

GRADING SUMMARY

GRADING SUMMARY:
FILL VOLUME = 14,100 CY

THE ABOVE QUANTITIES ARE APPROXIMATE VOLUMES OF FILL REQUIRED TO RAISE THE LEVEES TO MEET THE ALTERNATIVE 3A ELEVATION REQUIREMENTS. THE ABOVE QUANTITIES WERE CALCULATED FOR PERMIT PURPOSES ONLY AND HAVE NOT BEEN FACTORED TO INCLUDE ALLOWANCES FOR BULKING, CLEARING AND GRUBBING, SUBSIDENCE, SHRINKAGE, OVER EXCAVATION, AND RECOMPACTION, UNDERGROUND UTILITY AND SUBSTRUCTURE SPOILS AND CONSTRUCTION METHODS.

THE CONTRACTOR SHALL PERFORM AN EARTHWORK ESTIMATE FOR THE PURPOSE OF PREPARING BID PRICES FOR EARTHWORK. THE BID PRICE SHALL INCLUDE COSTS FOR ANY NECESSARY IMPORT AND PLACEMENT OF EARTH MATERIALS OR THE EXPORT AND PROPER DISPOSAL OF EXCESS EARTH MATERIALS.

ABBREVIATIONS

AB	AGGREGATE BASE	N	NEW / NORTHING
AC	ASPHALT CONCRETE	NIC	NOT IN CONTRACT
AS	AGGREGATE SUB-BASE	NTS	NOT TO SCALE
BC	BEGIN CURVE	OHW	ORDINARY HIGH WATER
BNDY	BOUNDARY	P	PINE
BP	BEGIN PROFILE	PC	POINT OF CURVATURE
BVC	BEGIN VERTICAL CURVE	PI	POINT OF INTERSECTION
BW	BASE OF WALL	PL	PROPERTY LINE
CL	CENTER LINE	PNS	PAVEMENT NAIL AND SHINER
CMP	CORRUGATED METAL PIPE	PP	POWER POLE
CNR	CORNER	PT	POINT OF TANGENCY
CNTL	CONTROL	PVC	POLYVINYL CHLORIDE
CONC.	CONCRETE	PVI	POINT OF VERTICAL INTERSECTION
CONST.	CONSTRUCTION	R	RADIUS / REDWOOD
CPP	CORRUGATED PLASTIC PIPE	RC	RELATIVE COMPACTION
CP	CONTROL POINT	ROW	RIGHT OF WAY
D	DESCRIPTION	RSP	ROCK SLOPE PROTECTION
DIA	DIAMETER	RT	RIGHT
E	EXISTING / EASTING / EUCALYTUS	S	SLOPE
EG	EXISTING GROUND	SD	STORM DRAIN
ELEV	ELEVATION	SF	SQUARE FEET
ELEC.	ELECTRIC	SHT.	SHEET
EP	EDGE PAVEMENT / END PROFILE	SSMH	SANITARY SEWER MANHOLE
EVC	END VERTICAL CURVE	STA	STATION
EXCAV	EXCAVATION	STD	STANDARD
EXIST	EXISTING	TEL	TELEPHONE
F	FIN	TEMP	TEMPORARY
FG	FINISH GRADE	TBA	TO BE ADVISED
FL	FLOW LINE	TBD	TO BE DETERMINED
FNC	FENCE	TOF	TOP OF FOOTING
GALV.	GALVANIZED	TOW	TOP OF WALL
GR	GROUND SURFACE	TP	TELEPHONE POLE
GB	GRADE BREAK	TW	TOP OF WALL
H	WALL HEIGHT	TYP	TYPICAL
HDPE	HIGH DENSITY POLYETHYLENE	UG	UNDERGROUND
INV	INVERT	UPRR	UNION PACIFIC RAILROAD
IRR	IRRIGATION	VC	VERTICAL CURVE
L	LENGTH	W	WATER / WILLOW
LF	LINEAR FEET	YS	YELLOW STRIPE
LT	LEFT	Z	ELEVATION

SECTION AND DETAIL CONVENTION

SECTION OR DETAIL IDENTIFICATION
(NUMBER OR LETTER)

5
217

REFERENCE SHEET FROM WHICH
DETAIL OR SECTION IS TAKEN.

REFERENCE SHEET ON WHICH
SECTION OR DETAIL IS SHOWN.

GENERAL NOTES

1) PREPARED AT THE REQUEST OF:
COUNTY OF SAN LUIS OBISPO
FLOOD CONTROL AND WATER CONSERVATION DISTRICT

2) AERIAL MAPPING OF THE PROJECT AREA WAS PERFORMED BY:
CENTRAL COAST AERIAL MAPPING, INC.
710 FIERO LN #24
SAN LUIS OBISPO, CALIFORNIA 93401
(805) 543-4307
JOB# 2005-841
PHOTOGRAPHY DATE: 3/10/2005

3) ELEVATION DATUM: NAVD 88, BASED ON NGS BENCHMARK X 532, PID "FV0421", ELEVATION=13.5'

4) HORIZONTAL DATUM: HORIZONTAL COORDINATES CONSTRAINED TO NGS MONUMENT HPGN CA 05 05, PID "FV2048", NAD83, CALIFORNIA STATE PLANE ZONE 5.

5) ELEVATIONS AND DISTANCES SHOWN ARE IN FEET AND DECIMALS THEREOF. CONTOUR INTERVAL IS TWO FOOT.

6) EASEMENT BOUNDARIES FOR ARROYO GRANDE AND LOS BERROS CREEKS SHOWN HEREIN CONDUCTED BY CANNON ASSOCIATES. THE EASEMENT BOUNDARIES WERE INITIALLY DEFINED FROM RECORD THEN FIELD FIELD VERIFIED. PROPERTY LINES ARE NOT SHOWN HEREON. CONTRACTOR SHALL VERIFY ALL PARCEL BOUNDARIES WITH OWNER, PRIOR TO COMMENCING WORK.

7) NO CONSTRUCTION SHALL BE STARTED WITHOUT PLANS APPROVED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS. THE DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION AND OF THE TIME AND LOCATION OF THE PRE-CONSTRUCTION CONFERENCE. ANY CONSTRUCTION PERFORMED WITHOUT PRIOR NOTIFICATION TO THE DEPARTMENT OF PUBLIC WORKS WILL BE REJECTED AND WILL BE AT THE CONTRACTOR'S RISK. A QUALIFIED CIVIL ENGINEER WITH EXPERIENCE IN THE INSTALLATION OF FEATURES OF THE TYPE SHOWN ON THESE PLANS, SHALL PROVIDE SURVEILLANCE AND GUIDANCE DURING THE CONSTRUCTION PROCESS, AS NECESSARY TO ENSURE PROPER INSTALLATION PROCEDURES.

8) CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTION LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL. NEITHER THE PROFESSIONAL ACTIVITIES OF CONSULTANT NOR THE PRESENCE OF CONSULTANT OR HIS OR HER EMPLOYEES OR SUB-CONSULTANTS AT A CONSTRUCTION SITE SHALL RELIEVE THE CONTRACTOR AND ITS SUBCONTRACTORS OF THEIR RESPONSIBILITIES INCLUDING, NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND APPLICABLE HEALTH OR SAFETY REQUIREMENTS OF ANY REGULATORY AGENCY OR OF STATE LAW.

9) THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN, PERMITTING, INSTALLATION, AND MAINTENANCE OF ANY AND ALL TRAFFIC CONTROL MEASURES DEEMED NECESSARY.

10) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL SAFETY DURING CONSTRUCTION, AND ALL WORK SHALL CONFORM TO PERTINENT SAFETY REGULATIONS AND CODES. THE CONTRACTOR SHALL FENCE AND /OR BARRICADE THE CONSTRUCTION AREA AS REQUIRED TO PROTECT ADJACENT SITES, VEHICULAR TRAFFIC AND PEDESTRIAN TRAFFIC. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS CHAPTER 618, IN THE CONSTRUCTION PRACTICES FOR ALL EMPLOYEES DIRECTLY ENGAGED IN THE CONSTRUCTION OF THIS PROJECT.

11) EXISTING UNDERGROUND UTILITY LOCATIONS ARE SHOWN BASED ON FIELD SURVEY DATA PROVIDED BY CANNON ASSOCIATES. CONTRACTOR SHALL DISCOVER OR VERIFY LOCATION OF AFFECTED UTILITY LINES AND POTHOLE THOSE AREAS WHERE POTENTIAL CONFLICTS ARE LIKELY OR DATA IS OTHERWISE INCOMPLETE, PRIOR TO COMMENCING ANY GRADING ACTIVITIES. CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT EXISTING UTILITIES DURING CONSTRUCTION OPERATIONS, AND SHALL BE SOLELY RESPONSIBLE FOR THE COST OF REPAIR/REPLACEMENT OF ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION. CONTRACTOR TO CALL UNDERGROUND SERVICE ALERT (USA) TOLL FREE AT 800-227-2600 TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO COMMENCING CONSTRUCTION.

12) SHOULD THE CONTRACTOR DISCOVER ANY DISCREPANCIES BETWEEN THE CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS, HE SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.

13) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR PROTECTION OF ALL EXISTING AND PROPOSED PIPING, UTILITIES, TRAFFIC SIGNAL EQUIPMENT (BOTH ABOVE GROUND AND BELOW GROUND), STRUCTURES, AND ALL OTHER EXISTING IMPROVEMENTS THROUGHOUT CONSTRUCTION.

14) THE CONTRACTOR SHALL PURSUE WORK IN A CONTINUOUS AND DILIGENT MANNER TO ENSURE A TIMELY COMPLETION OF THE PROJECT.

15) UPON LEARNING OF THE EXISTENCE AND/OR LOCATIONS OF ANY UNDERGROUND FACILITIES NOT SHOWN OR SHOWN INACCURATELY ON THE PLANS OR NOT PROPERLY MARKED BY THE UTILITY OWNER, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY AND THE PROPERTY OWNER BY TELEPHONE AND IN WRITING.

16) CONTRACTOR SHALL DISCUSS THE APPROPRIATE ROUTE WITH PROPERTY OWNER BEFORE THE TRANSPORT OF MATERIALS ON-SITE.

17) PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A DETAILED CONSTRUCTION SCHEDULE FOR APPROVAL. THE CONTRACTOR SHALL NOT BEGIN ANY CONSTRUCTION WORK UNTIL THE PROJECT SCHEDULE AND WORK PLAN IS APPROVED BY THE ENGINEER.

18) ALL CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE ENGINEER SO THAT THE QUALITY OF WORK CAN BE CHECKED FOR APPROVAL.

19) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A NEAT AND ORDERLY MANNER THROUGHOUT THE CONSTRUCTION PROCESS. ALL MATERIALS SHALL BE STORED WITHIN APPROVED CONSTRUCTION STAGING AREAS.

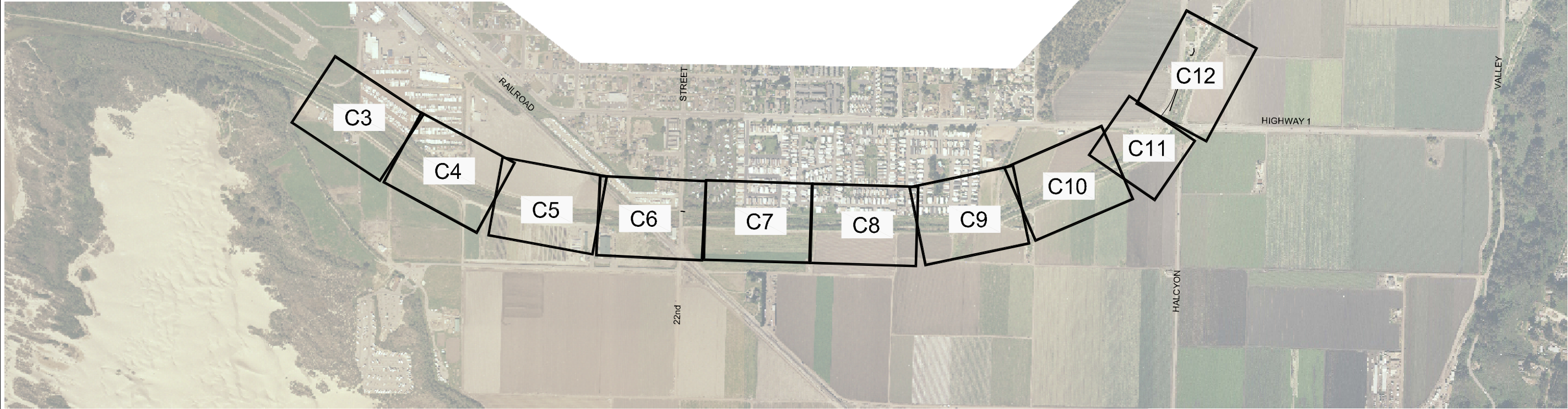
20) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AT HIS EXPENSE, ALL PERMITS AS REQUIRED BY THE LOCAL AGENCIES. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR AND EQUIPMENT REQUIRED TO COMPLY WITH ALL APPLICABLE PERMIT CONDITIONS AND REQUIREMENTS.

21) CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND LAYOUT, UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS.







VICINITY MAP














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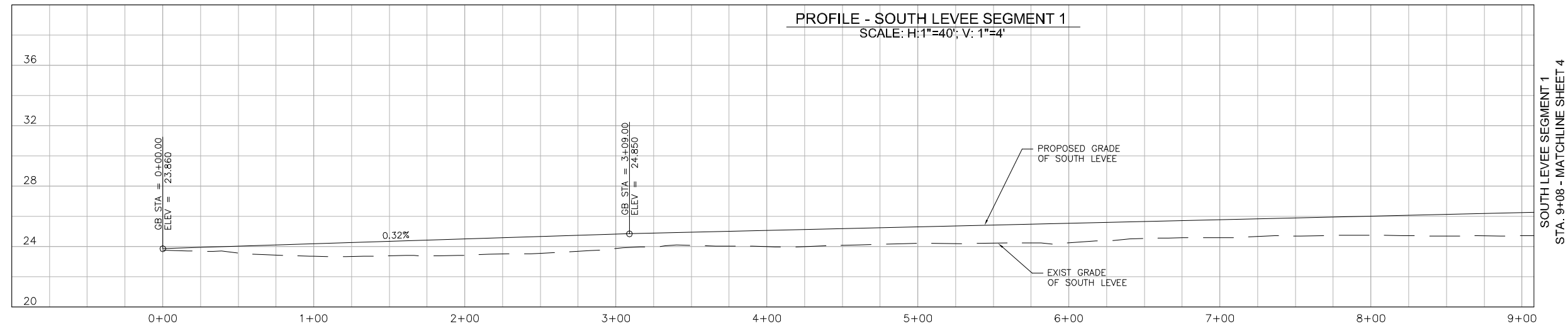
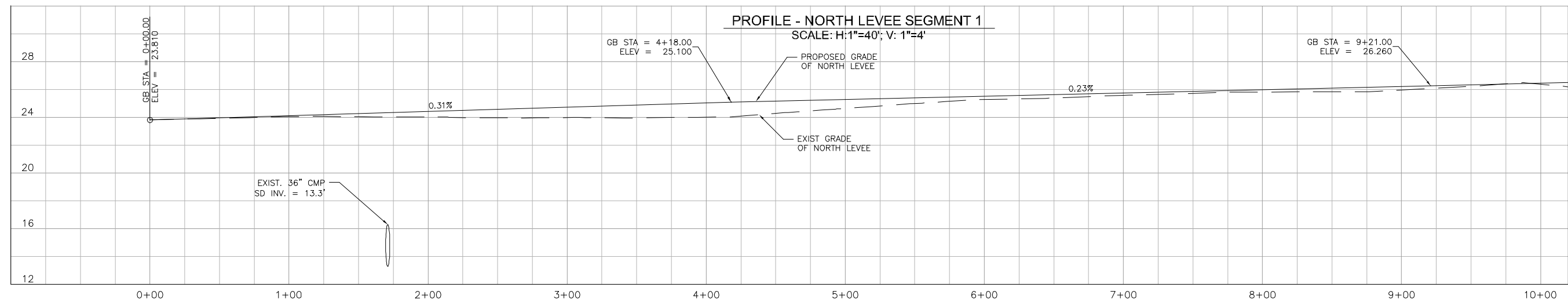
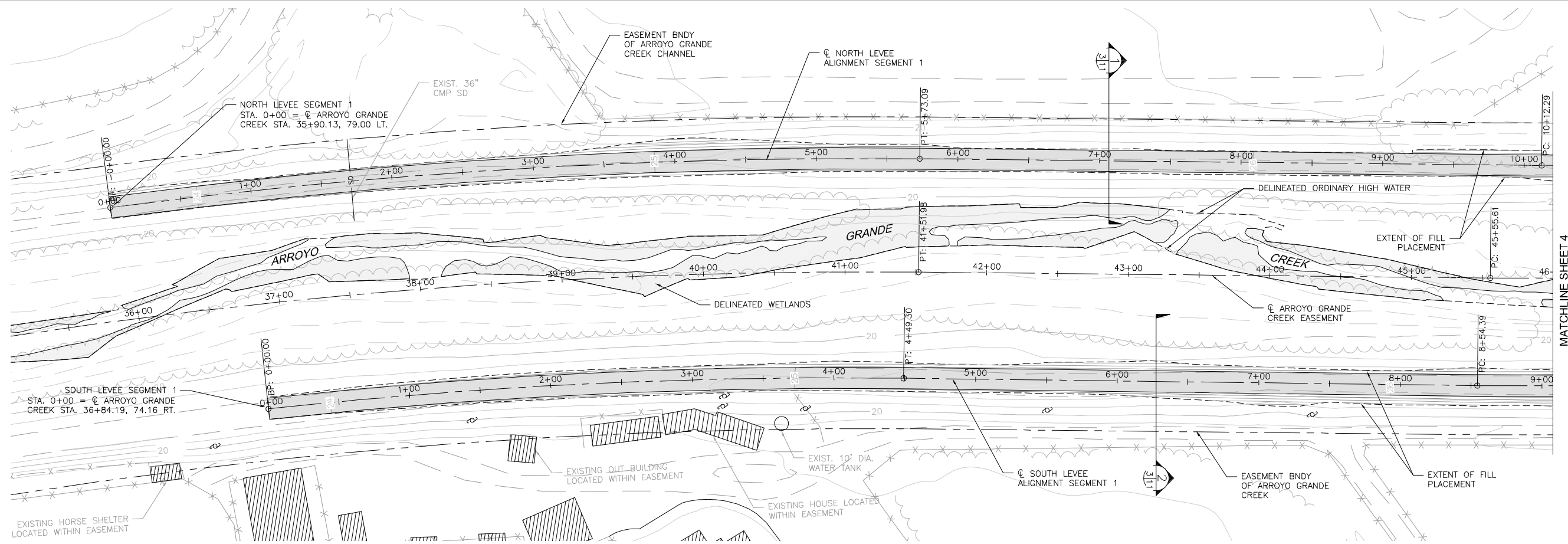
LEGEND

	DELINEATED WETLANDS
	EXISTING STRUCTURES
	PROPOSED LEVEES
	DELINEATED ORDINARY HIGH WATER

SYMBOLS

	UNDERGROUND UTILITY MARKER
	TELEPHONE RISER
	POWER POLE
	LIGHT POLE
	ELECTRICAL METER
	SANITARY SEWER MANHOLE
	GAS VALVE
	TELEPHONE MANHOLE
	SANITARY SEWER LINE
	STORM DRAIN LINE
	GAS LINE
	OIL LINE
	PALM TREE

PROJECT AREA OVERVIEW
SCALE: 1"=500'



SCALE: 1"=40'



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FLOOD CONTROL AND WATER
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PLAN AND PROFILE

ARROYO GRANDE CREEK
CHANNEL LEVEE RAISE
FOR ALTERNATIVE 3A
CONCEPTUAL PLANS

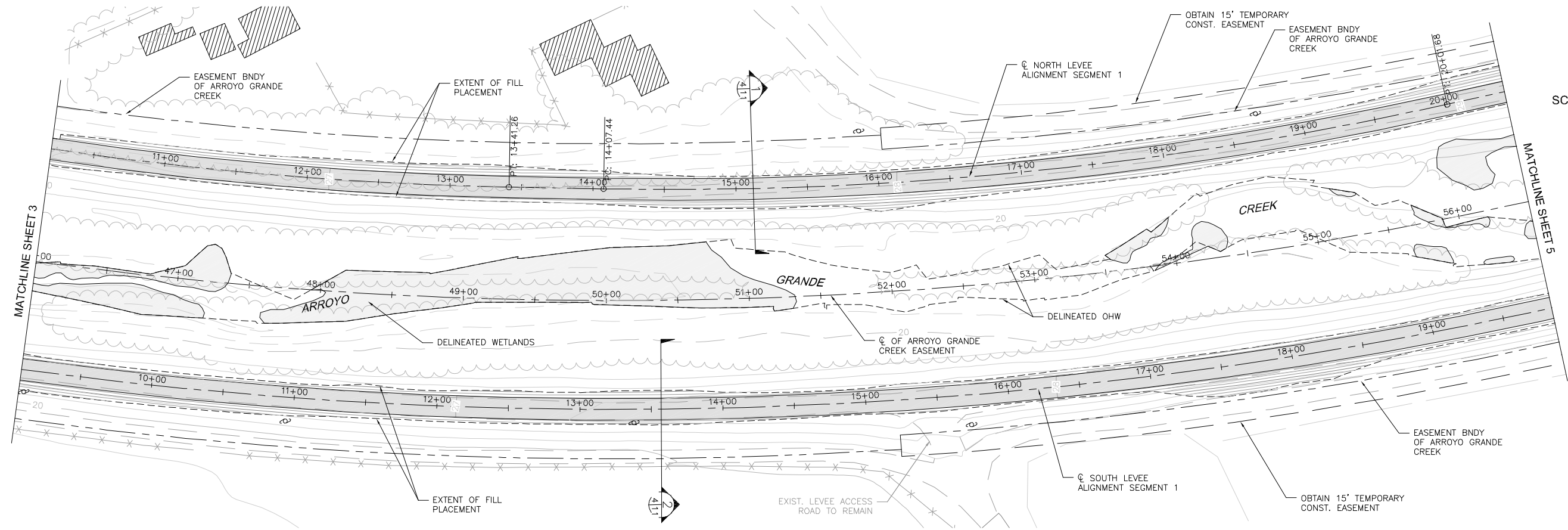
DESIGNED BY: B.M.S.
DRAWN BY: B.M.S.
CHECKED BY: M.W.W.
DATE: 9/15/09
JOB NO.: 08-707

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ADJUST SCALES FOR
REDUCED PLOTS

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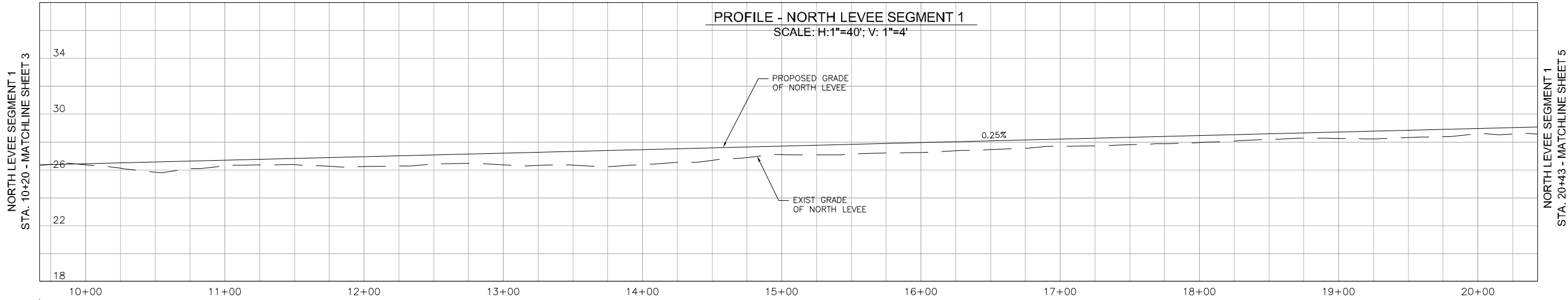
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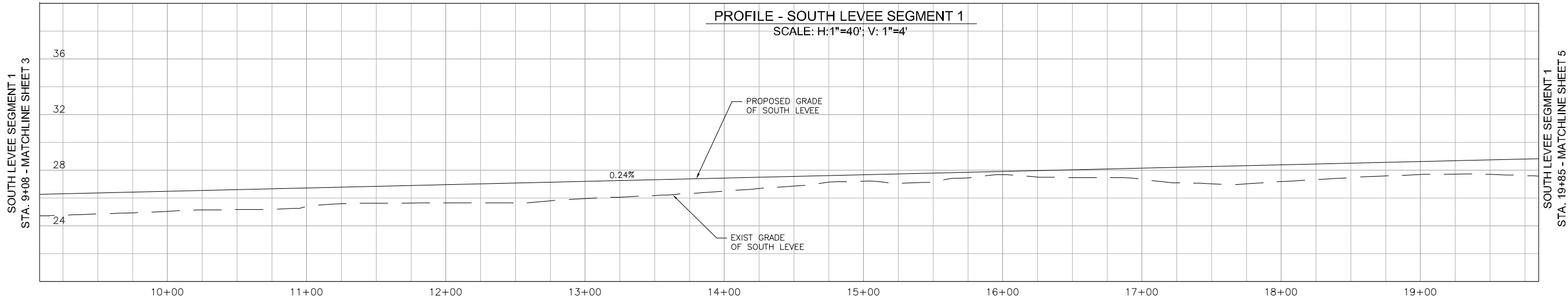


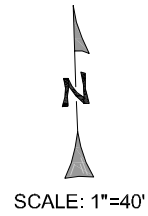
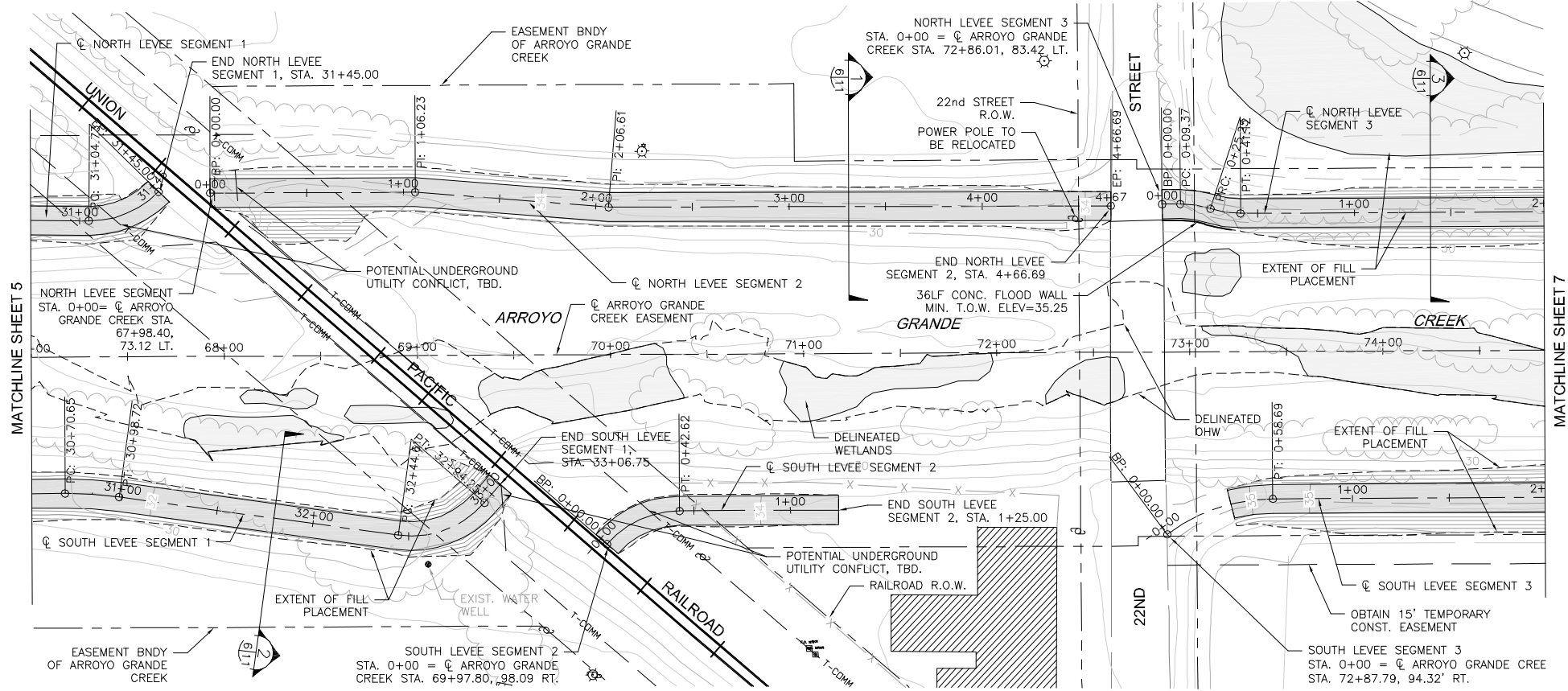
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PROFILE - NORTH LEVEE SEGMENT 1
SCALE: H:1"=40'; V: 1"=4'

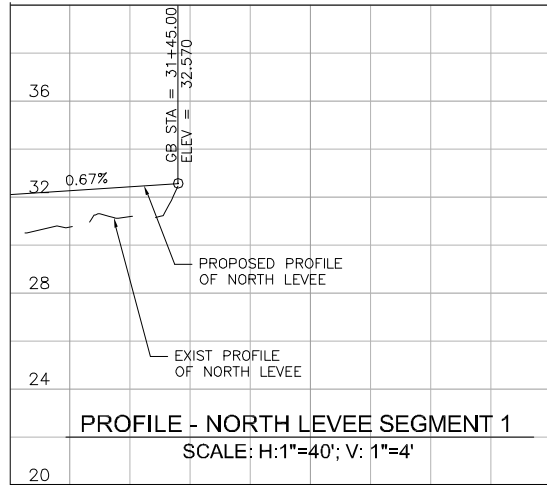


PROFILE - SOUTH LEVEE SEGMENT 1
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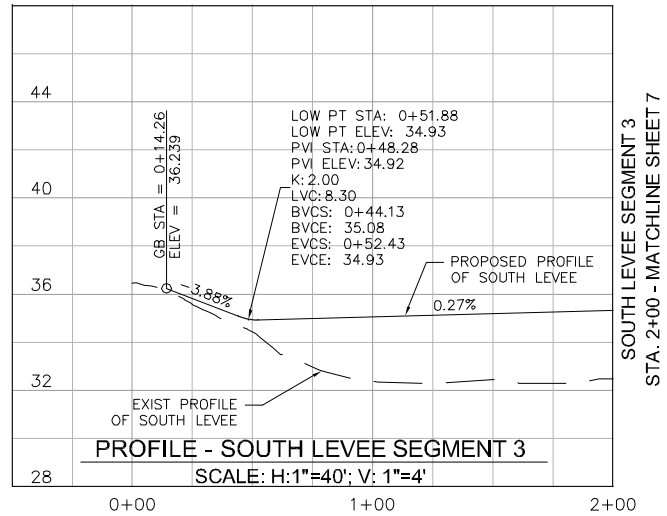
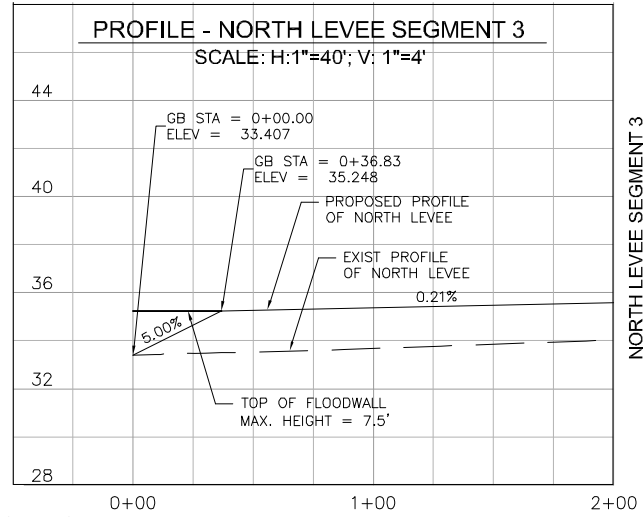
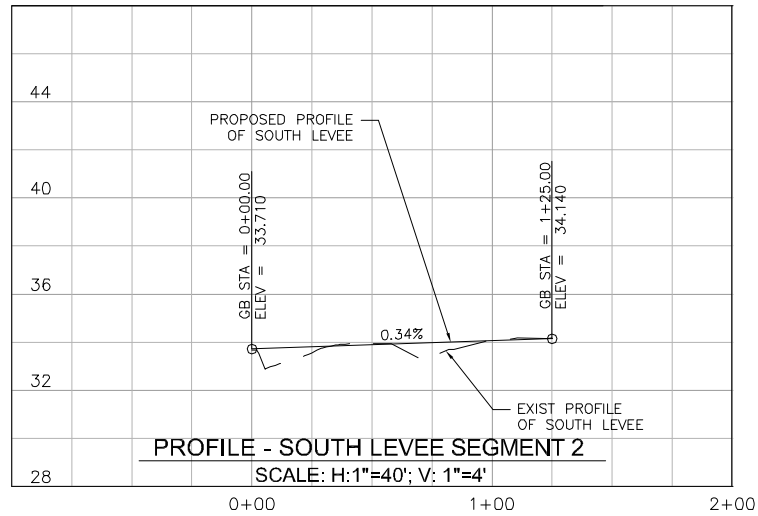
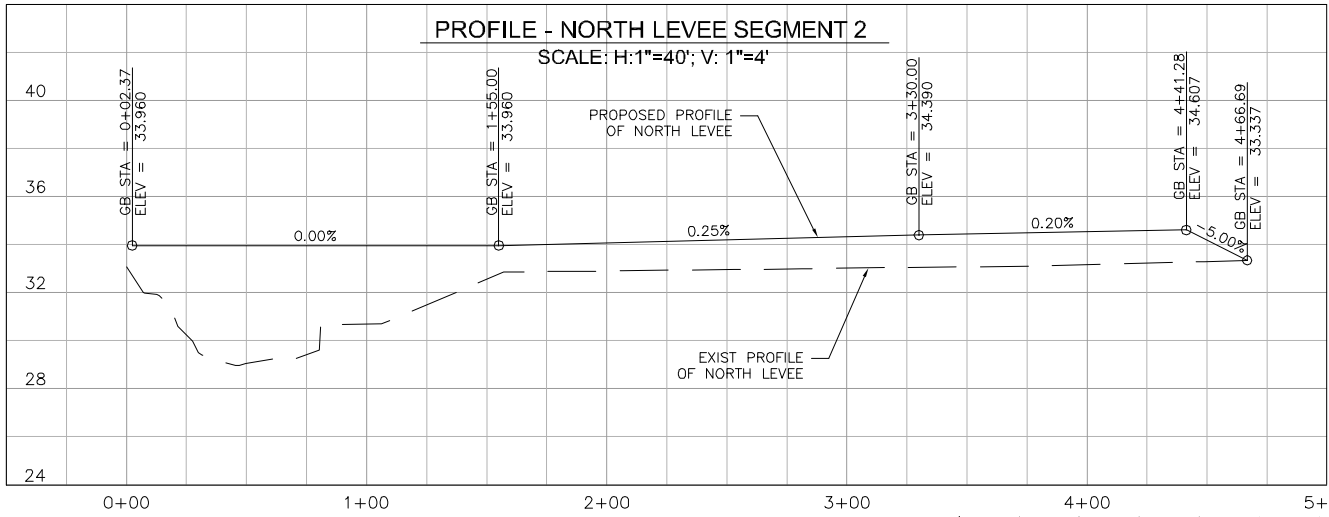
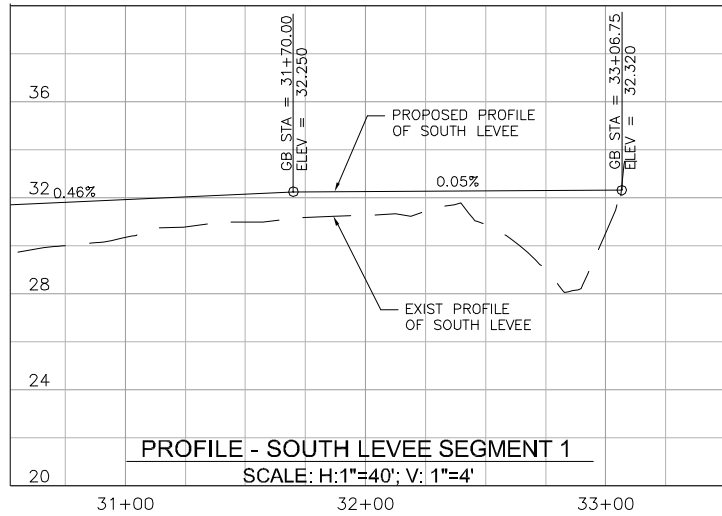




NORTH LEVEE SEGMENT 1
STA. 30+75 - MATCHLINE SHEET 5



SOUTH LEVEE SEGMENT 1
STA. 30+52 - MATCHLINE SHEET 5



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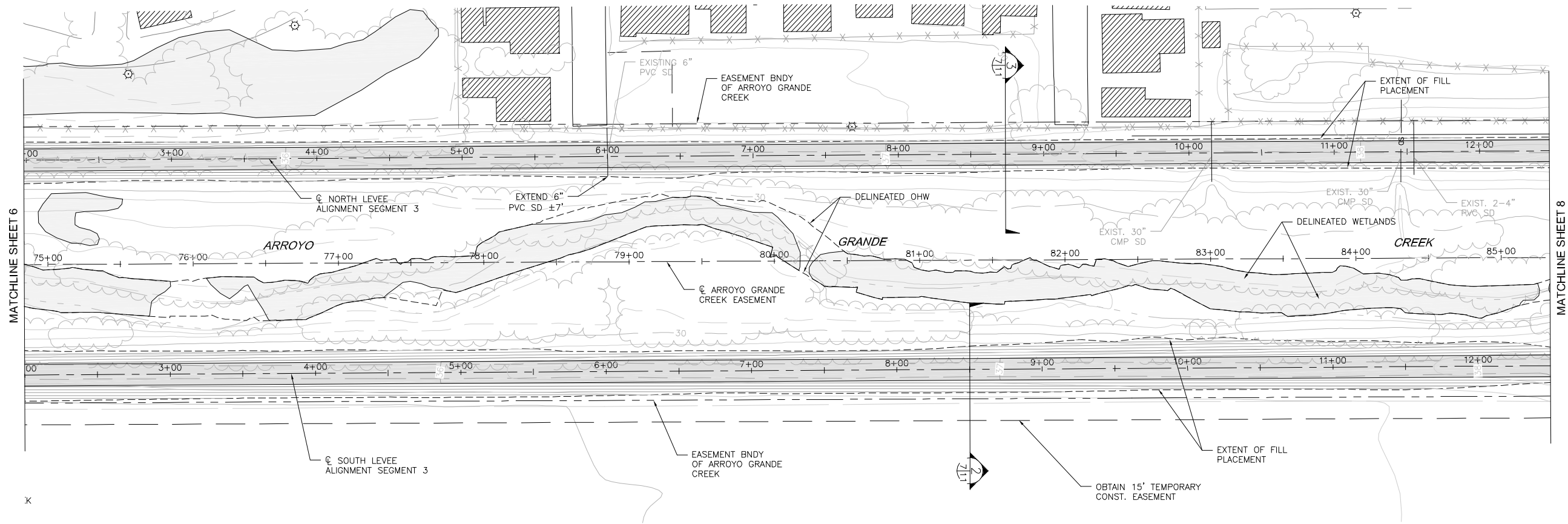
PREPARED AT THE
REQUEST OF:
SAN LUIS OBISPO COUNTY
FLOOD CONTROL AND WATER
CONSERVATION DISTRICT

PLAN AND PROFILE

ARROYO GRANDE CREEK
CHANNEL LEVEE RAISE
FOR ALTERNATIVE 3A
CONCEPTUAL PLANS

DESIGNED BY: B.M.S.
DRAWN BY: B.M.S.
CHECKED BY: M.W.W.
DATE: 9/15/09
JOB NO.: 08-707

BAR IS ONE INCH ON
ORIGINAL DRAWING.
ADJUST SCALES FOR
REDUCED PLOTS



SCALE: 1"=40'



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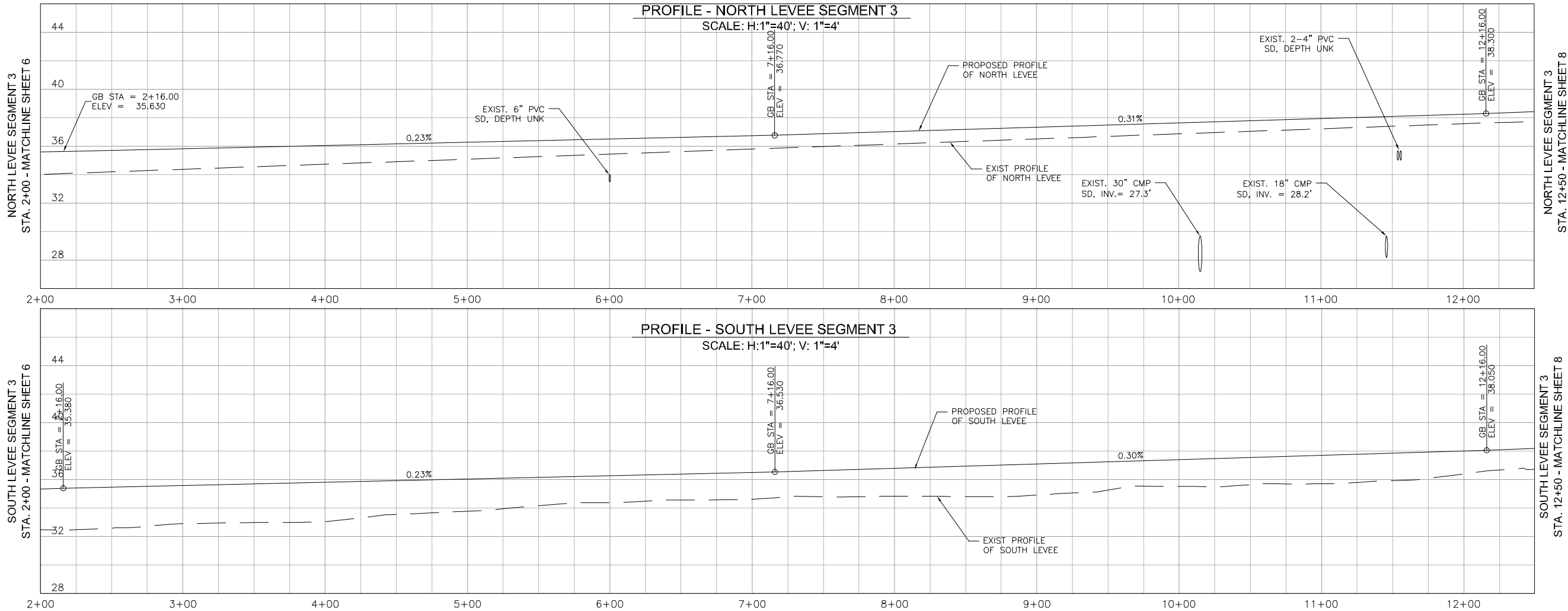
ARROYO GRANDE CREEK
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CONCEPTUAL PLANS

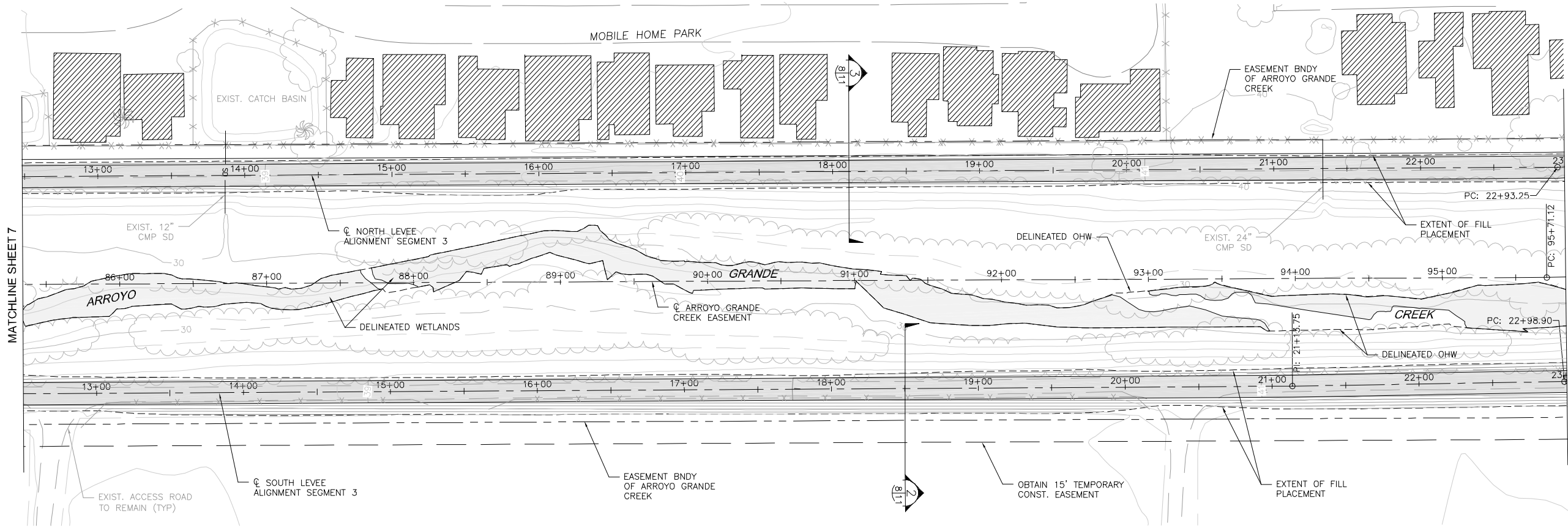
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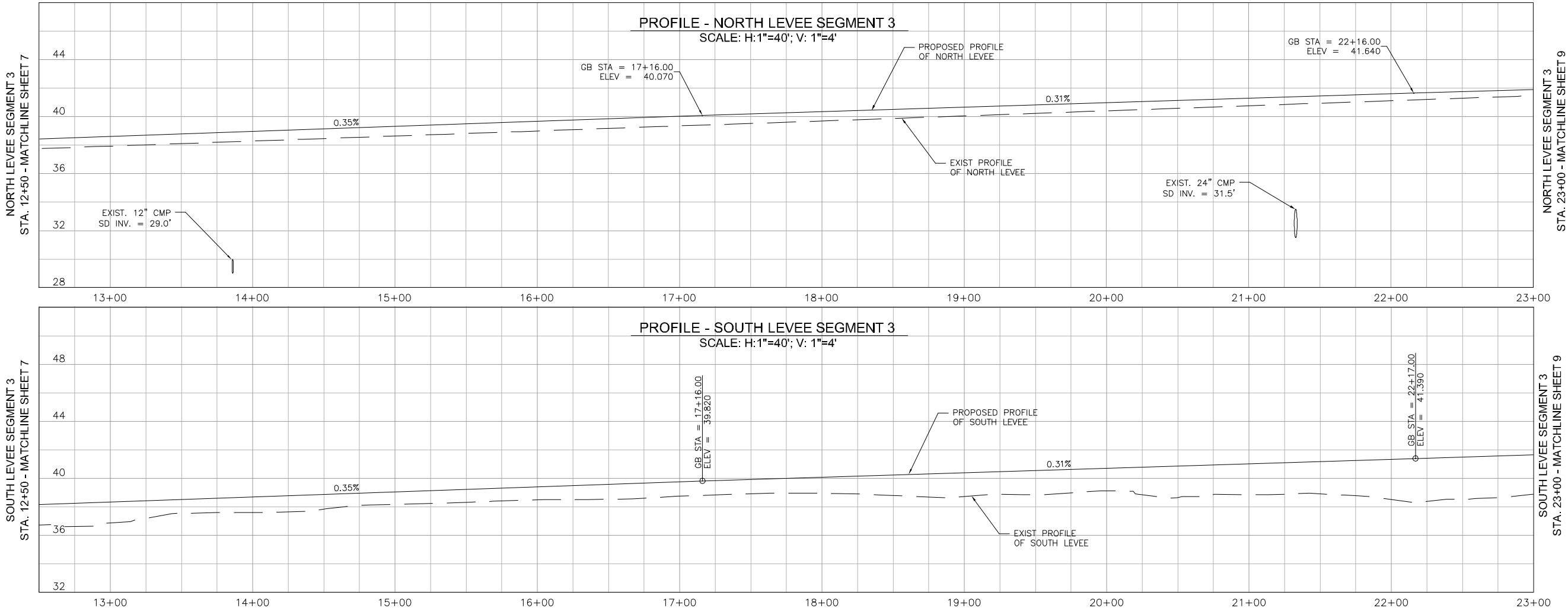
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SCALE: 1"=40'



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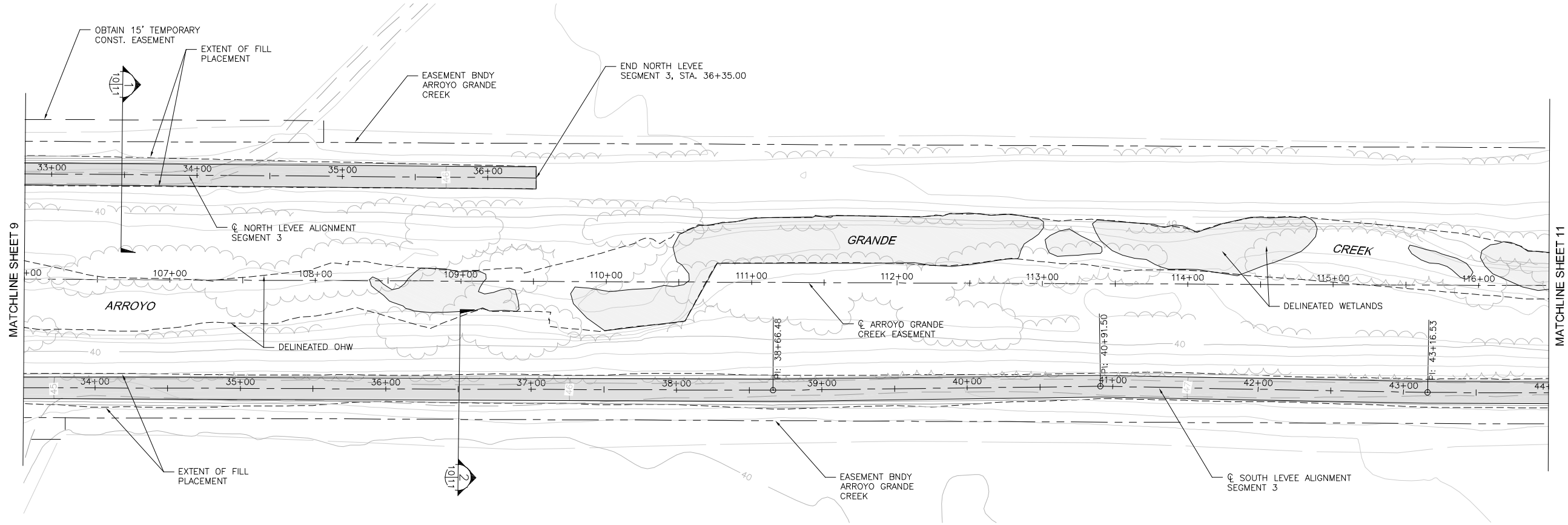
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PLAN AND
PROFILE

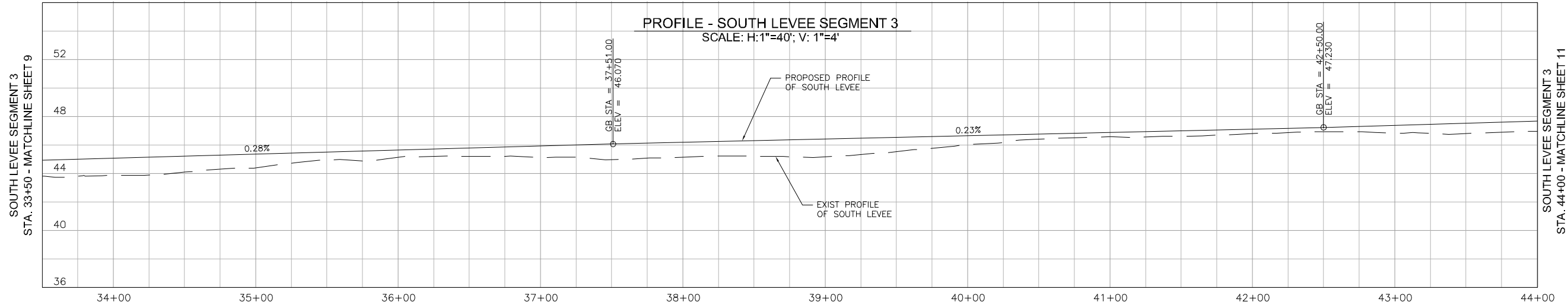
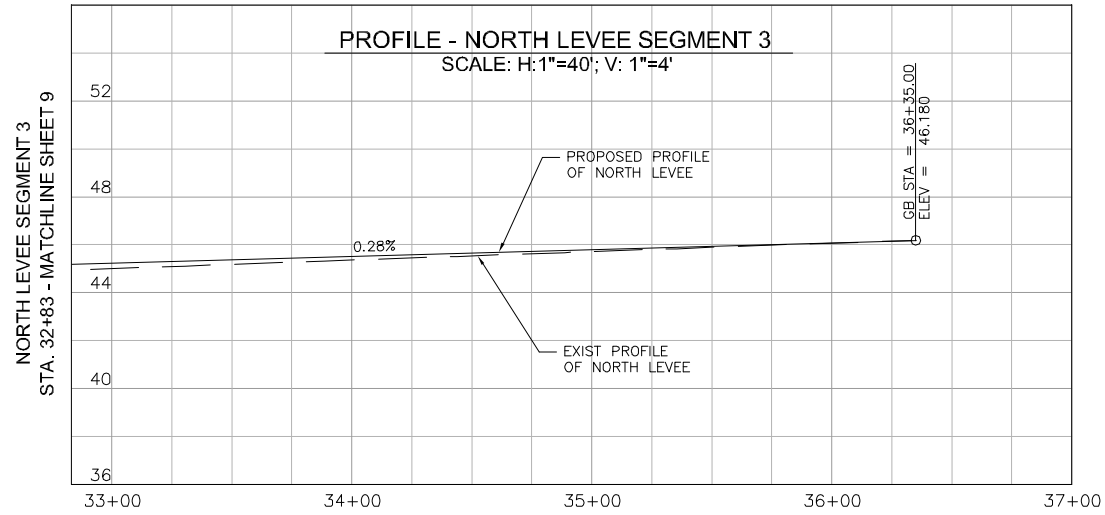
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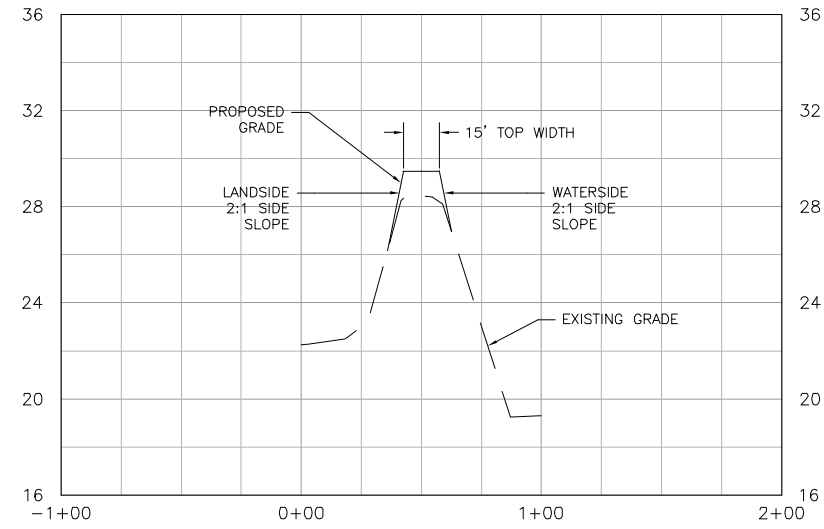
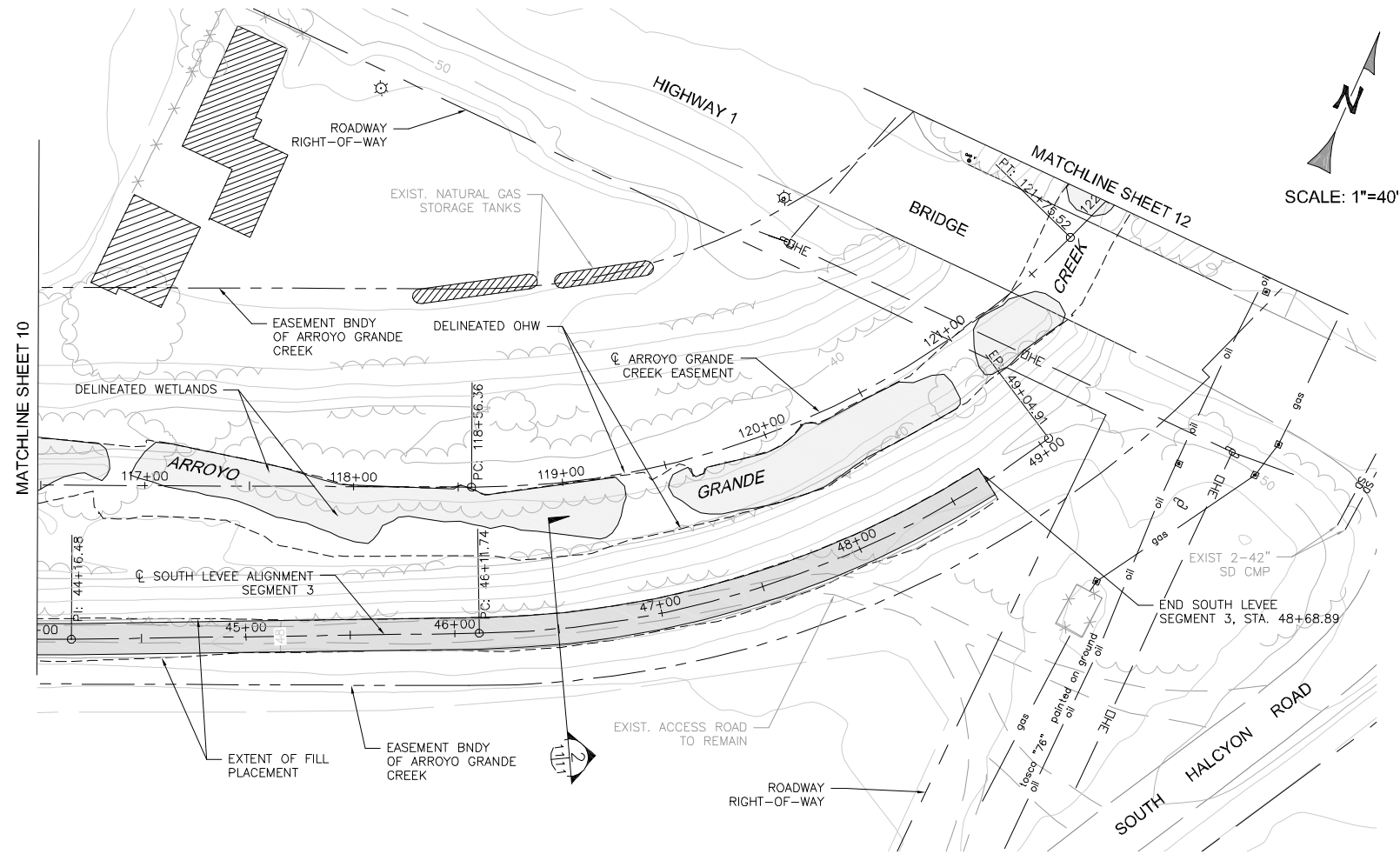
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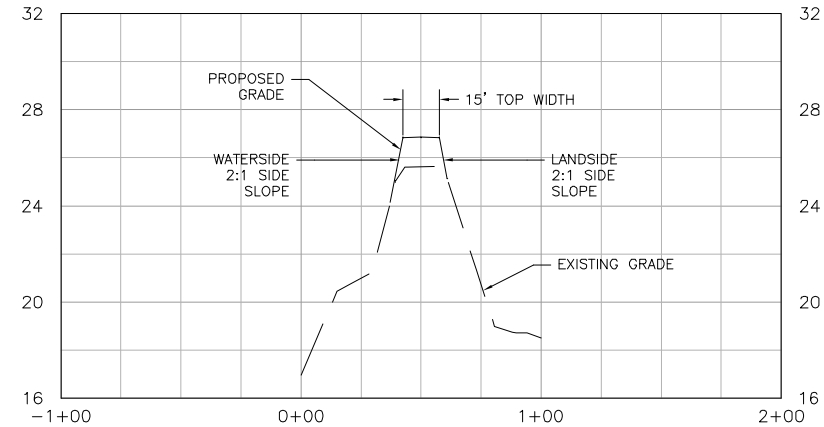


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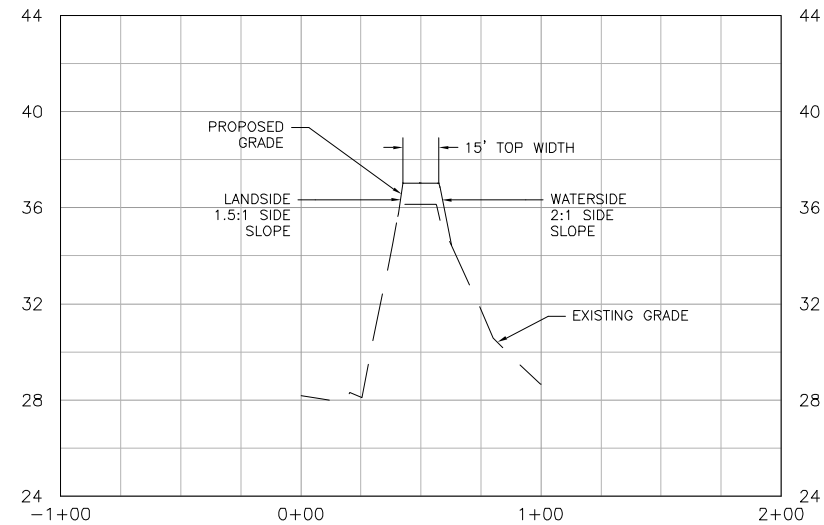




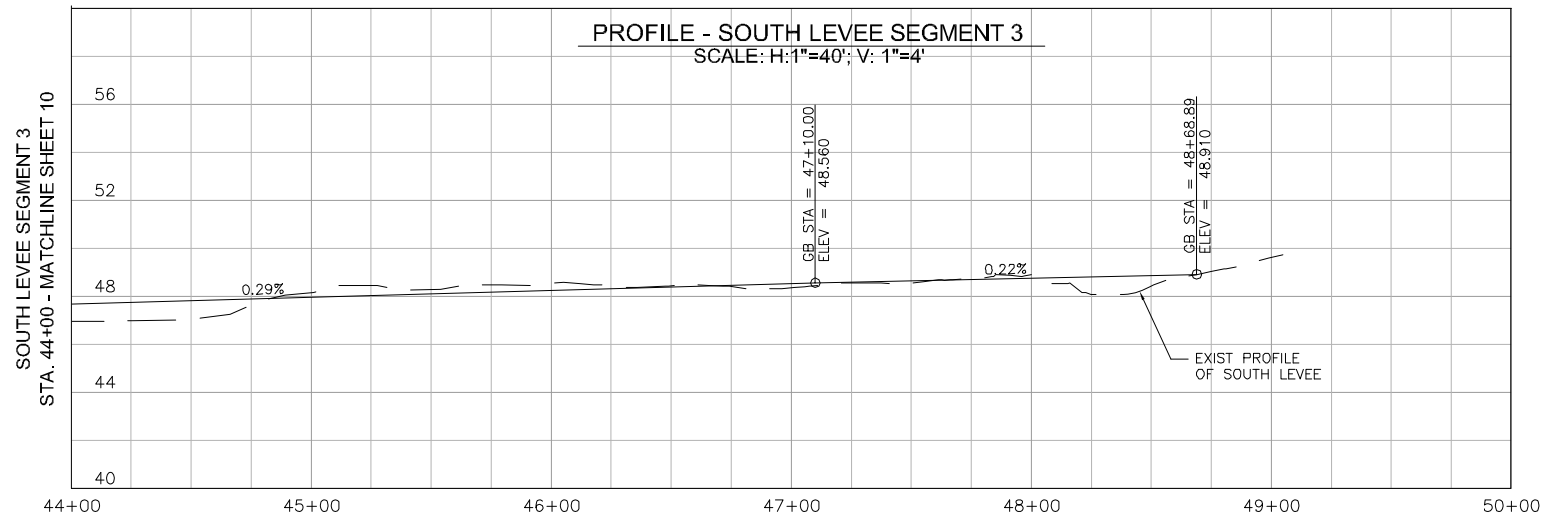
SECTION 1
NORTH LEVEE
SCALE: H:1"=40'; V:1"=4'

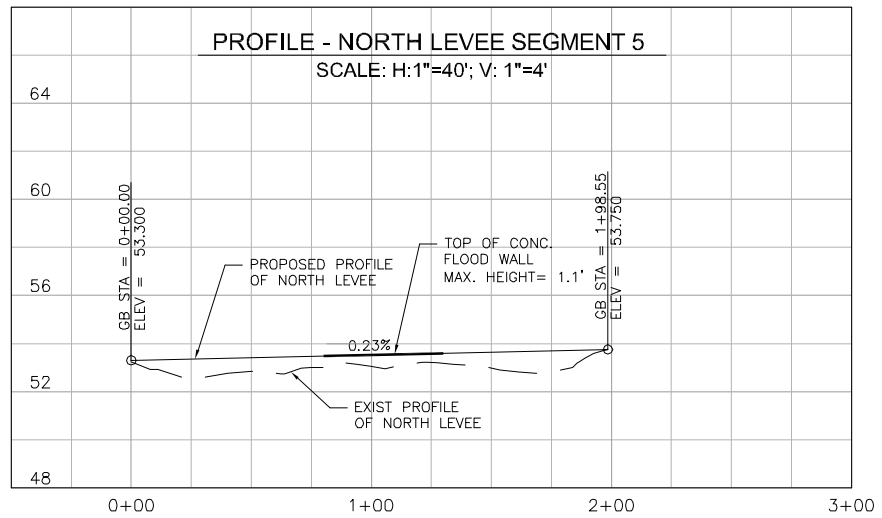
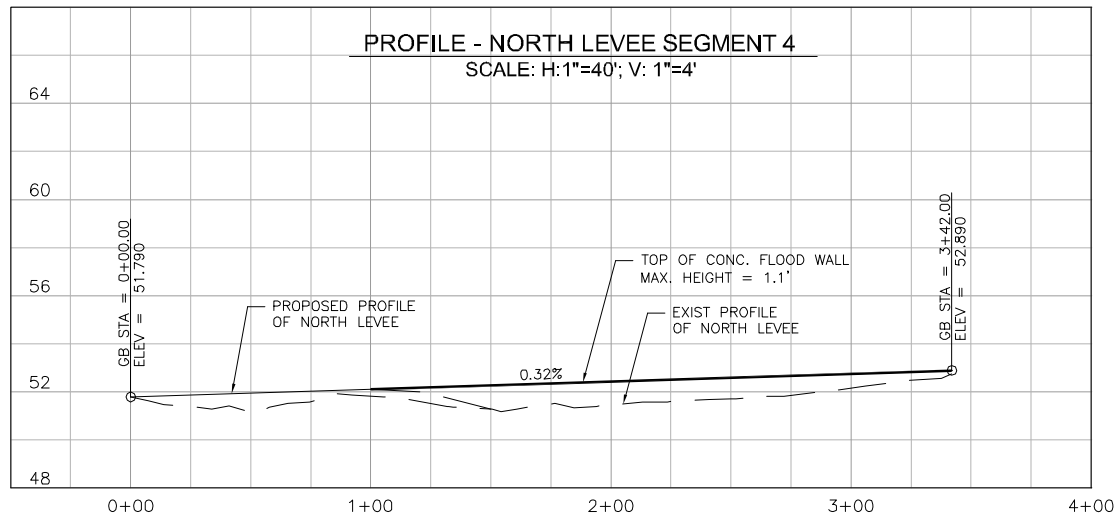
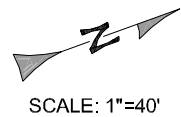
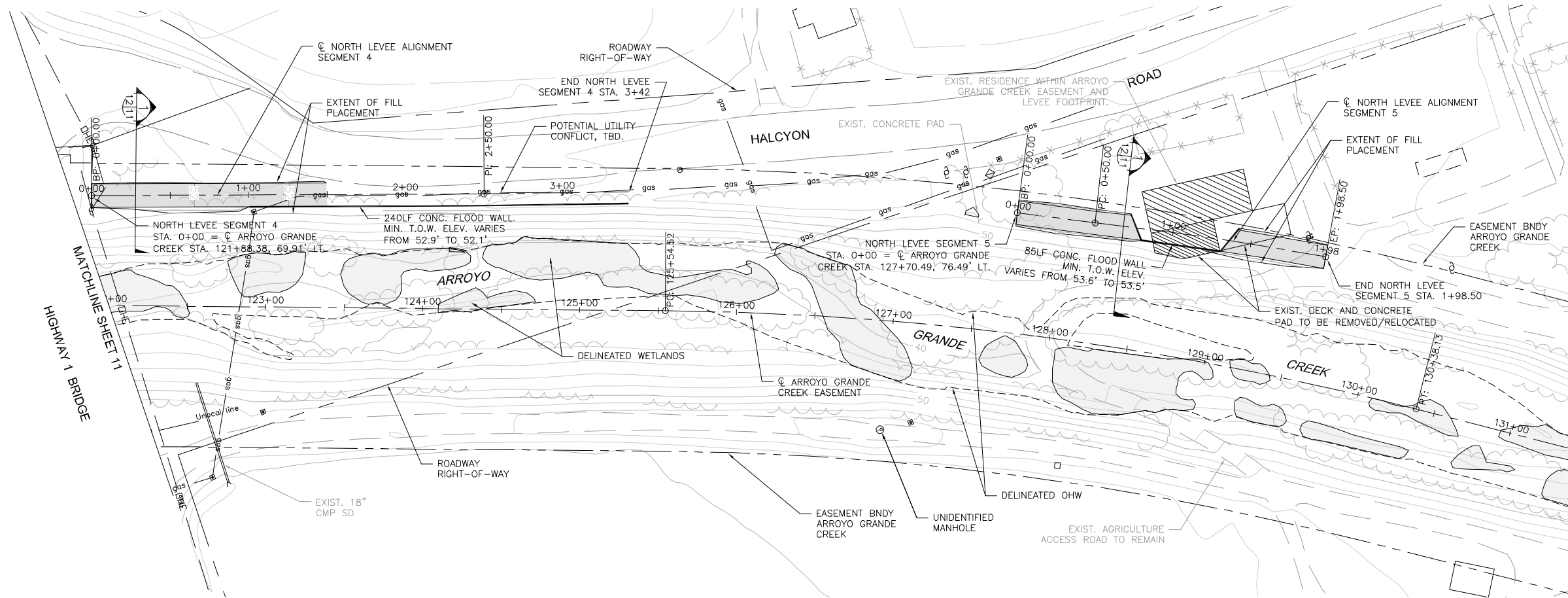


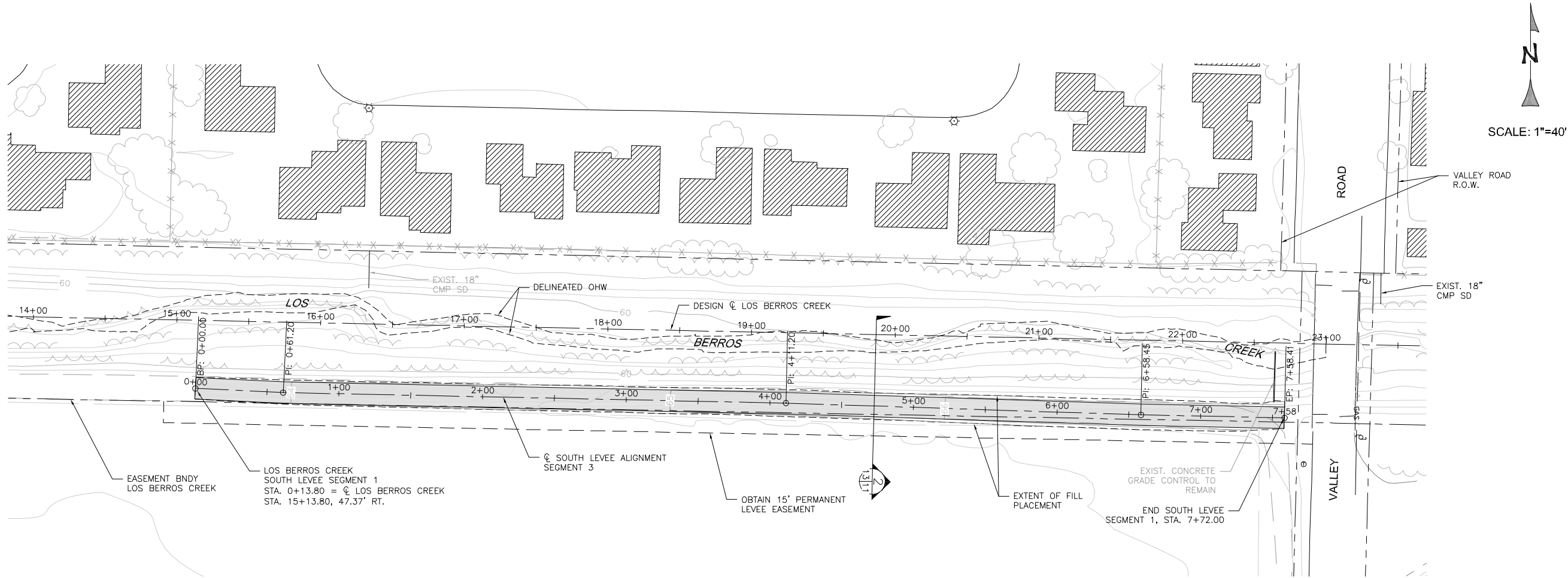
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SOUTH LEVEE
SCALE: H:1"=40'; V:1"=4'



SECTION 3
NORTH LEVEE
SCALE: H:1"=40'; V:1"=4'







SCALE: 1"=40'

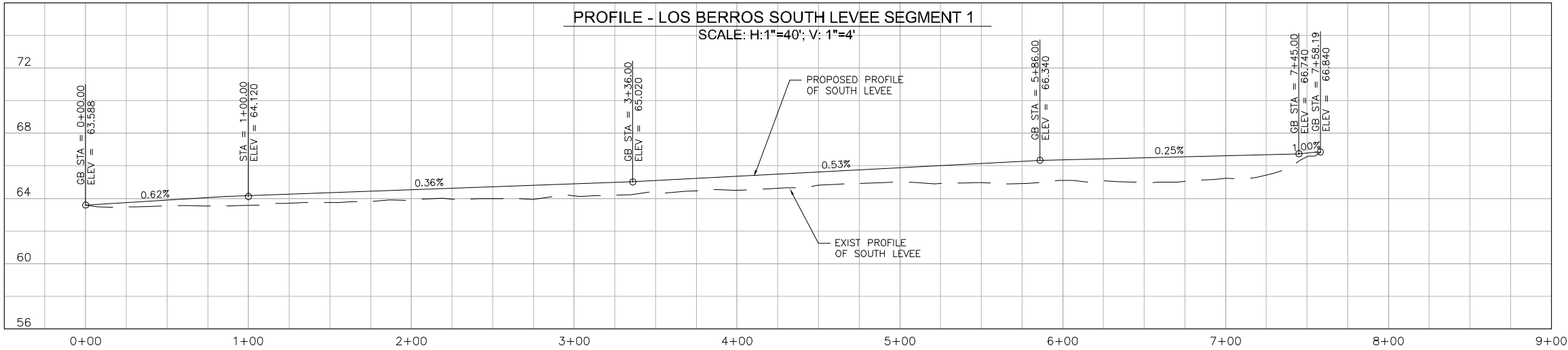


EXHIBIT T

NATIVE AMERICAN HERITAGE COMMISSION

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(916) 657-5390 - Fax



June 22, 2010

RECEIVED

JUN 25 2010

John Farhar
San Luis Obispo Flood Control and Water Conservation District
976 Osos Street, Room 207
San Luis Obispo, CA 93408-2040

RE: SCH# 2009061030 Arroyo Grande Creek Waterway Management Program; San Luis Obispo County.

Dear Mr. Farhar:

The Native American Heritage Commission (NAHC) has reviewed the Notice of Completion (NOC) referenced above. The California Environmental Quality Act (CEQA) states that any project that causes a substantial adverse change in the significance of an historical resource, which includes archeological resources, is a significant effect requiring the preparation of an EIR (CEQA Guidelines 15064(b)). To comply with this provision the lead agency is required to assess whether the project will have an adverse impact on historical resources within the area of project effect (APE), and if so to mitigate that effect. To adequately assess and mitigate project-related impacts to archaeological resources, the NAHC recommends the following actions:

- ✓ Contact the appropriate regional archaeological Information Center for a record search. The record search will determine:
 - If a part or all of the area of project effect (APE) has been previously surveyed for cultural resources.
 - If any known cultural resources have already been recorded on or adjacent to the APE.
 - If the probability is low, moderate, or high that cultural resources are located in the APE.
 - If a survey is required to determine whether previously unrecorded cultural resources are present.
- ✓ If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
 - The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure.
 - The final written report should be submitted within 3 months after work has been completed to the appropriate regional archaeological Information Center.
- ✓ Contact the Native American Heritage Commission for:
 - A Sacred Lands File Check. USGS 7.5 minute quadrangle name, township, range and section required.
 - A list of appropriate Native American contacts for consultation concerning the project site and to assist in the mitigation measures. Native American Contacts List attached.
- ✓ Lack of surface evidence of archeological resources does not preclude their subsurface existence.
 - Lead agencies should include in their mitigation plan provisions for the identification and evaluation of accidentally discovered archeological resources, per California Environmental Quality Act (CEQA) §15064.5(f). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American, with knowledge in cultural resources, should monitor all ground-disturbing activities.
 - Lead agencies should include in their mitigation plan provisions for the disposition of recovered artifacts, in consultation with culturally affiliated Native Americans.
 - Lead agencies should include provisions for discovery of Native American human remains in their mitigation plan. Health and Safety Code §7050.5, CEQA §15064.5(e), and Public Resources Code §5097.98 mandates the process to be followed in the event of an accidental discovery of any human remains in a location other than a dedicated cemetery.

Sincerely,

Katy Sanchez

Katy Sanchez
Program Analyst
(916) 653-4040

CC: State Clearinghouse

Native American Contact List

San Luis Obispo County

June 22, 2010

Beverly Salazar Folkes
1931 Shadybrook Drive
Thousand Oaks, CA 91362
805 492-7255
(805) 558-1154 - cell
folkes9@msn.com

Chumash
Tataviam
Fernandeño

San Luis Obispo County Chumash Council
Chief Mark Steven Vigil
1030 Ritchie Road
Grover Beach CA 93433
cheifmvigil@fix.net
(805) 481-2461
(805) 474-4729 - Fax

Chumash

Santa Ynez Band of Mission Indians
Vincent Armenta, Chairperson
P.O. Box 517
Santa Ynez, CA 93460
varmenta@santaynezchumash.
(805) 688-7997
(805) 686-9578 Fax

Chumash

Santa Ynez Tribal Elders Council
Adelina Alva-Padilla, Chair Woman
P.O. Box 365
Santa Ynez, CA 93460
elders@santaynezchumash.org
(805) 688-8446
(805) 693-1768 FAX

Chumash

Julie Lynn Tumamait
365 North Poli Ave
Ojai, CA 93023
jtumamait@sbcglobal.net
(805) 646-6214

Chumash

Randy Guzman - Folkes
655 Los Angeles Avenue, Unit E
Moorpark, CA 93021
ndnRandy@gmail.com
(805) 905-1675 - cell

Chumash
Fernandeño
Tataviam
Shoshone Paiute
Yaqui

Lei Lynn Odom
1339 24th Street
Oceano, CA 93445
(805) 489-5390

Chumash

Coastal Band of the Chumash Nation
Vennise Miller, Chairperson
P.O. Box 4464
Santa Barbara CA 93140
805-964-3447

Chumash

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH# 2009061030 Arroyo Grande Creek Waterway Management Program; San Luis Obispo County.

Native American Contact List

San Luis Obispo County

June 22, 2010

Mona Olivas Tucker
660 Camino Del Rey
Arroyo Grande CA 93420
(805) 489-1052 Home
(805) 748-2121 Cell

Chumash

Northern Chumash Tribal Council
Fred Collins, Spokesperson
67 South Street
San Luis Obispo CA 93401
(805) 801-0347 (Cell)

Chumash

Matthew Darian Goldman
495 Mentone
Grover Beach CA 93433
805-748-6913

Chumash

Frank Arredondo
PO Box 161
Santa Barbara Ca 93102
805-617-6884
ksen_sku_mu@yahoo.com

Chumash

Santa Ynez Band of Mission Indians
Sam Cohen, Tribal Administrator
P.O. Box 517
Santa Ynez , CA 93460
(805) 688-7997
(805) 686-9578 Fax

Chumash

Salinan-Chumash Nation
Xielolixii
3901 Q Street, Suite 31B
Bakersfield , CA 93301
xielolixii@yahoo.com

Salinan
Chumash

408-966-8807 - cell

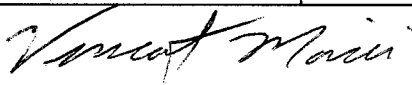
This list is current only as of the date of this document.

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This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH# 2009061030 Arroyo Grande Creek Waterway Management Program; San Luis Obispo County.

EXHIBIT U

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE April 22, 2008	(3) CONTACT/PHONE Dean Benedix, Utilities Division Manager (805) 781-5116	
(4) SUBJECT Submittal of the Arroyo Grande Watershed and Creek Memorandum of Understanding between the County of San Luis Obispo, the San Luis Obispo County Flood Control and Water Conservation District, and Other Agencies for Inter-agency Programs and Cooperation Benefiting the Arroyo Grande Creek Watershed			
(5) SUMMARY OF REQUEST Adopt the attached Memorandum of Understanding between the County of San Luis Obispo, the San Luis Obispo County Flood Control and Water Conservation District (District) and several other agencies to develop recommendations to fund programs and policies for the maintenance, protection, and enhancement of the Arroyo Grande Watershed.			
(6) RECOMMENDED ACTION It is our recommendation that on behalf of the County of San Luis Obispo and the San Luis Obispo County Flood Control and Water Conservation District, your Honorable Board: 1. Adopt the attached Memorandum of Understanding (MOU) for inter-agency programs and cooperation benefiting the Arroyo Grande Watershed. 2. Direct the Clerk to provide two executed copies of the attached MOU to the Director of Public Works for processing.			
(7) FUNDING SOURCE(S) N/A	(8) CURRENT YEAR COST Nominal	(9) ANNUAL COST Nominal	(10) BUDGETED? <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A
(11) OTHER AGENCY/ADVISORY GROUP INVOLVEMENT (LIST): The following parties are proposed participants to this agreement: City of Arroyo Grande, South San Luis Sanitation District, City of Pismo Beach, City of Grover Beach, Oceano Community Services District, Coastal San Luis Resource Conservation District, Central Coast Salmon Enhancement, Natural Resources Conservation, California Department of Parks and Recreation, California Department of Fish and Game, and U.S. Department of Fish. The Flood Control Zone 1/1A and Zone 3 Advisory Committees are aware of and support the requested action. County Planning and Building and County Airports have reviewed and support the recommended action.			
(12) WILL REQUEST REQUIRE ADDITIONAL STAFF? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, How Many? _____ <input type="checkbox"/> Permanent _____ <input type="checkbox"/> Limited Term _____ <input type="checkbox"/> Contract _____ <input type="checkbox"/> Temporary Help _____			
(13) SUPERVISOR DISTRICT(S) <input type="checkbox"/> 1st, <input type="checkbox"/> 2nd, <input checked="" type="checkbox"/> 3rd, <input checked="" type="checkbox"/> 4th, <input checked="" type="checkbox"/> 5th, <input type="checkbox"/> All	(14) LOCATION MAP <input checked="" type="checkbox"/> Attached <input type="checkbox"/> N/A	(15) Maddy Act Appointments Signed-off by Clerk of the Board <input checked="" type="checkbox"/> N/A	
(16) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Hearing (Time Est. _____) <input type="checkbox"/> Presentation <input type="checkbox"/> Board Business (Time Est. _____)	(17) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions (Orig + 4 copies) <input checked="" type="checkbox"/> Contracts (Orig + 4 copies) <input type="checkbox"/> Ordinances (Orig + 4 copies) <input type="checkbox"/> N/A		
(18) NEED EXTRA EXECUTED COPIES? <input type="checkbox"/> Number: _____ <input type="checkbox"/> Attached <input checked="" type="checkbox"/> N/A	(19) BUDGET ADJUSTMENT REQUIRED? <input type="checkbox"/> Submitted <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A		
(20) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) _____ N/A	(21) W-9 <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	(22) Agenda Item History <input checked="" type="checkbox"/> N/A Date _____	
(23) ADMINISTRATIVE OFFICE REVIEW <div style="text-align: right; font-family: cursive; font-size: 1.2em;">  </div>			

Reference: 08APR22-C-16

L:\UTILITY\APR08\BOS\AG Watershed MOU trl.doc.dh.taw

**A16-1
4/22/2008**



SAN LUIS OBISPO COUNTY
DEPARTMENT OF PUBLIC WORKS

Paavo Ogren, Director

County Government Center, Room 207 • San Luis Obispo, CA 93408 • (805) 781-5252

Fax (805) 781-1229

email address: pwd@co.slo.ca.us

TO: Board of Supervisors and
Board of Supervisors of the San Luis Obispo County Flood Control and
Water Conservation District

FROM: Dean Benedix, Utilities Division Manager

VIA: Paavo A. Ogren, Director of Public Works

DATE: April 22, 2008

SUBJECT: Submittal of the Arroyo Grande Watershed and Creek Memorandum of
Understanding between the County of San Luis Obispo, the San Luis
Obispo County Flood Control and Water Conservation District, and
Other Agencies for Inter-agency Programs and Cooperation Benefiting
the Arroyo Grande Creek Watershed

Recommendation

It is our recommendation that on behalf of the County of San Luis Obispo and the San Luis Obispo County Flood Control and Water Conservation District (District), your Honorable Board:

1. Adopt the attached Memorandum of Understanding (MOU) for inter-agency programs and cooperation benefiting the Arroyo Grande Creek Watershed.
2. Direct the Clerk to provide two executed copies of the attached MOU to the Director of Public Works for processing.

Discussion

The efforts of developing the MOU have been led by the City of Arroyo Grande. The purpose of the MOU is to enhance an overall understanding of watershed issues and promote consensus between the parties in order to better protect, manage and enhance the watershed.

The MOU recognizes that some of the agencies have existing responsibilities within the watershed and that those autonomous responsibilities will continue. The intent of the MOU involves educating each other on those efforts and identifying how collaborative efforts in

the watershed management can be implemented in the future more efficiently and effectively. Future implementation of collaborative effort will require development of future cost sharing agreements and action plans, which will need separate approval by participating agencies.

The MOU is coming to your Board at this time to show County support for the agreement. Even though other local agencies have not approved the MOU, consideration and approval by your Board at this time will help to promote inter-agency efforts.

Although the District has the primary activities in the watershed, land-use and Airport issues are also important considerations.

Other Agency Involvement/Impact

The following parties are proposed participants to this agreement: City of Arroyo Grande, South San Luis Sanitation District, City of Pismo Beach, City of Grover Beach, Oceano Community Services District, Coastal San Luis Resource Conservation District, Central Coast Salmon Enhancement, Natural Resources Conservation, California Department of Parks and Recreation, California Department of Fish and Game, and U.S. Department of Fish. The Flood Control Zone 1/1A and Zone 3 Advisory Committees are aware of and support the requested action.

County Planning and Building and County Airports have reviewed and support the recommended action.

Financial Considerations

There are no direct financial obligations resulting from the MOU. Nevertheless, additional time at inter-agency meetings will result, within existing budgets. Funding of future programs will require identification of appropriate revenue streams for future Board consideration.

Results

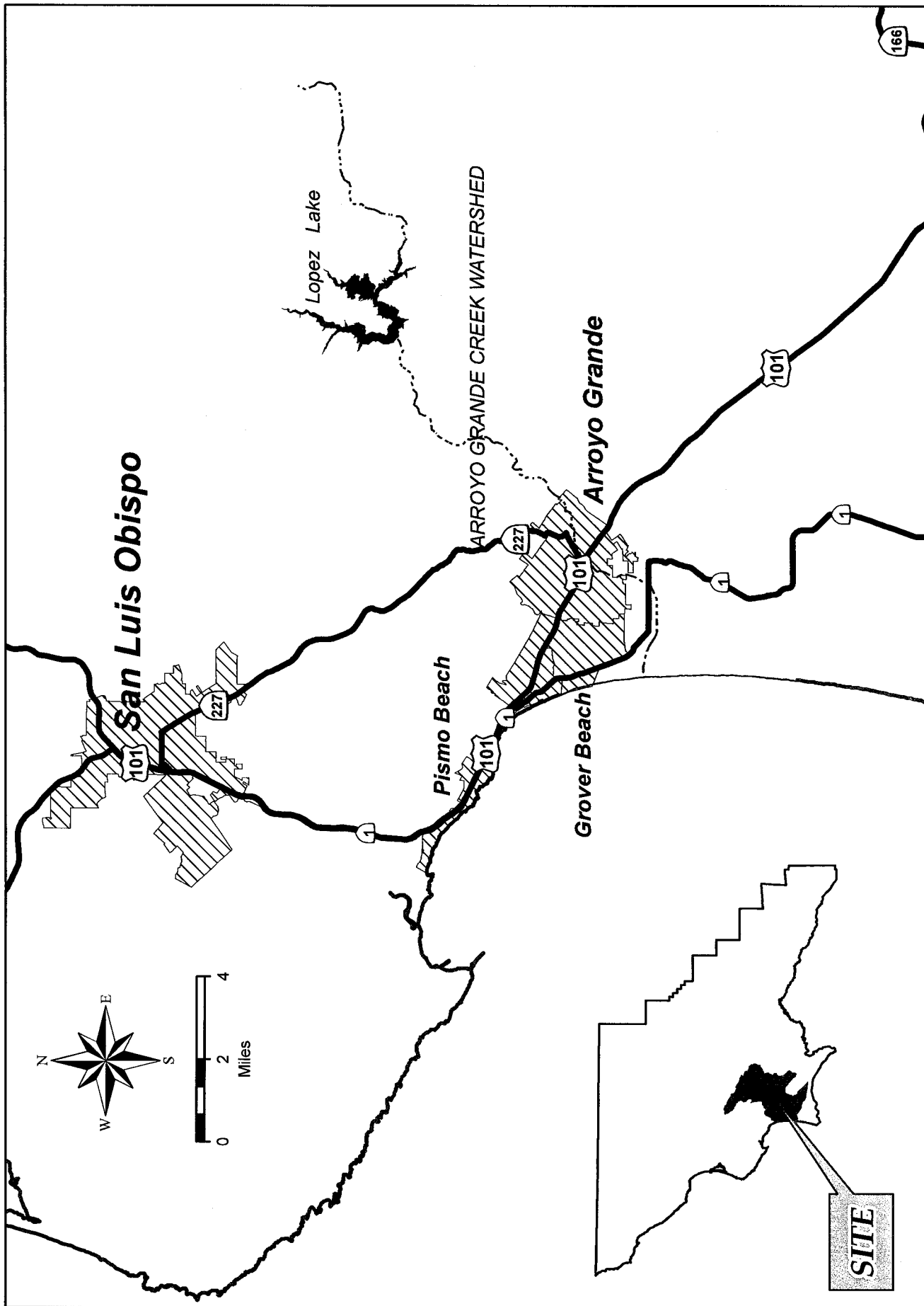
Approval of the recommended action will enable the District and the other signing agencies to develop policies for the maintenance, protection and enhancement of the Arroyo Grande Watershed which will result in future watershed management efforts to be in a collaborative manner rather than solely through the autonomous actions of independent agencies.

Attachments: Vicinity Map
Memorandum of Understanding

File: Arroyo Grande Watershed and Creek

Reference: 08APR22-C-16

L:\UTILITY\APR08\BOS\AG watershed MOU bos ltr.docdh.taw



ARROYO GRANDE CREEK WATERSHED
VICINITY MAP
San Luis Obispo County Flood Control and Water Conservation District

ARROYO GRANDE WATERSHED AND CREEK MEMORANDUM OF UNDERSTANDING

September 19, 2006

Revised June 8, 2007

This Arroyo Grande Watershed and Creek Memorandum of Understanding ("MOU") is made this 19th day of September, 2006, by and between the following organizations, all of which are collectively referred to herein as the "Parties:"

1. City of Arroyo Grande ("AG")
2. San Luis Obispo County Flood Control and Water Conservation District, Zone 1/1A (Zone 1/1A)
3. San Luis Obispo County Flood Control and Water Conservation District, Zone 3 (Zone 3)
4. County of San Luis Obispo ("County")
5. City of Grover Beach ("Grover")
6. City of Pismo Beach ("Pismo")
7. Oceano Community Services District ("OCSD")
8. South San Luis Obispo County Sanitation District ("SSLOCSD")
9. Coastal San Luis Resource Conservation District ("RCD")
10. Natural Resources Conservation Service ("NRCS")
11. Central Coast Salmon Enhancement ("CCSE")
12. California Department of Fish and Game ("CDFG")
13. California Department of Parks and Recreation ("CDPR")
14. United States Fish and Wildlife Service ("USFWS")

I. PREAMBLE / BACKGROUND

The Parties enter into this MOU to develop recommendations to fund programs and develop policies for the maintenance, protection, and enhancement of the Arroyo Grande Watershed and the creeks within the Watershed including the approximate eighty-six (86) square mile area downstream of the Lopez Lake Dam, and including but not limited to, Arroyo Grande, Los Berros, Newsome Springs, Corbett Canyon/Tally Ho, Tar Springs, and Meadow Creeks and sub-watersheds (collectively the "Watershed"), and to recommend specific roles and responsibilities to implement those programs and policies. It is recognized that past changes in the Watershed, some of which are presently occurring, due to many factors including, but not limited to, agricultural operations, urbanization, including dam construction, converted floodplains, reconfiguration of creek channels, removal of riparian forests, modification of upslope chaparral and oak woodland, flood control improvements, and pollutant loading, have impacted an environment that is critical to human health, the economic future, safety and welfare, habitat and wildlife values, and recreation and tourism of the communities within the Watershed.

The Parties that enter into this MOU also recognize that some, but not all, of the Parties have existing responsibilities and obligations within the watershed and that this MOU is not intended to diminish the autonomy of those agencies in carrying out their existing obligations or responsibilities or the findings and discretion of those agencies. Nevertheless, all Parties are pursuing development of recommendations pursuant to this MOU so that watershed management can be implemented in the future more efficiently and effectively in a collaborative manner rather than solely through the autonomous actions of independent agencies.

II. MISSION

The purpose of this MOU is to provide an overall understanding, and accountability consensus between the Parties, in order to better protect, manage and enhance the Watershed, creating a sustainable future for the surrounding communities and the environment. Cooperative watershed management provides a powerful resource for developing innovative and creative solutions to critical problems and for leveraging resources to ensure efficient and effective use of public funds.

III. PRINCIPLES

The Parties agree on the following principles and overall policies:

- A. Reduce Watershed conflicts (with regard to both the community and the environment);
- B. Recognize and support the provisions of responsible water supply, sediment and erosion control, flood management, pollution control and environmental protection for the Watershed;
- C. Provide a practical and effective means of maximizing benefits and avoid or mitigate adverse impacts on agricultural resources, riparian, wetland and other ecosystem habitat within Watershed;
- D. Have clear goals and, when applicable, measurable objectives;
- E. Seek input from the affected communities and implement accordingly;
- F. Operate on the principle of continuous monitoring and improvement of the Watershed; and
- G. Develop programs capable of implementation, within budget, minimizing cost while maximizing results, and make efficient use of the limited resources available.

IV. COOPERATION

- A. The Parties recognize and agree that each of the parties hereto are considered to be stakeholders with a vested interest in the maintenance, protection and enhancement

of the Watershed. Each of the Parties recognizes that by working together and providing meaningful cooperation, all Parties may equitably benefit from the actions herein described.

- B. The Parties agree to cooperate with regard to the terms and conditions and policies set forth in this MOU. For the purposes of this MOU, the term cooperate may include providing staff time, access rights when applicable, proportionate funding, as may be established pursuant to section VII of this MOU or as may otherwise be agreed by Parties to this MOU, meaningful discussion, space for meetings, conduct meetings, workshops and focus groups, diligent processing of all permits or necessary approvals, report to each of the other Parties of actions within the respective agency which materially relate to the Watershed, strive to continually improve each agency's understanding of the Watershed system and modify efforts and policies accordingly, and other like activities which will facilitate the cooperative effort and will accomplish the goals and objectives set forth herein.

V. TASKS COMMON TO ALL PARTIES

The Parties recognize and agree that each of the respective agencies shall collectively be responsible for coordinating and accomplishing the following task descriptions:

- A. Utilize existing and future watershed and creek studies to prioritize and conduct activities within the Arroyo Grande Creek Watershed, including, but not limited to: Overseeing the process of the maintenance efforts and implementation of the Arroyo Grande Creek Management Plan dated March, 2005, working collectively to address problems identified in the Arroyo Grande Creek Erosion, Sedimentation and Flooding Alternatives Study, 2005 ("Swanson Study") and the Oceano Drainage and Flood Control Study;
- B. Approve program budgets for each agency and modify those budgets as additional funding is obtained;
- C. Partner on, and pursue funding mechanisms to finance projects and programs that benefit the Watershed, including but not limited to grants from the California Resources Agency and the California Environmental Protection Agency through the Integrated Watershed Management Program ("IWMP"), Coastal Conservancy, California's Ocean Action Plan, the Regional Water Quality Control Board, Federal funding programs and other specific funding sources identified in the Arroyo Grande Creek Watershed Management Plan;
- D. Continued identification of the desired condition and beneficial uses of the Watershed; and
- E. Compile and use available resource information, including but not limited to the Swanson Study, regarding the Watershed and methods of preserving and enhancing its environment.

VI. TASKS SPECIFIC TO INDIVIDUAL PARTIES

The Parties recognize and agree that each of the respective agencies shall individually be responsible for coordinating and accomplishing the following specific task descriptions:

- A. **AG** - Provide places for and facilitate meetings, partner on grant applications, assist in developing other funding sources, and improve land use development standards, drainage plans and storm water management plans and provide referrals to parties, to protect the Watershed and Creek environments within the City.
- B. **Zone 1/1A** - Provide information and status of its programs, including but not limited to flood mitigation projects the district is pursuing and provide input on other projects in the watershed that may impact the capacity of flood control facilities.
- C. **Zone 3** - Provide regular information on the status and monitoring related to the preparation of an Arroyo Grande Creek Habitat Conservation Plan for the operation and maintenance of Lopez Reservoir.
- D. **County** - Present engineering related issues on activities relating to County maintained roads and the County Airport, partner on grant applications, assist in developing other funding sources, and improve land use development standards to protect the Watershed within the County's jurisdiction.
- E. **Grover** - Partner on grant applications, assist in developing other funding sources, and improve land use development standards, drainage plans and storm water management plans and provide referrals to parties, to protect the Watershed and Creek environments.
- F. **Pismo** - Partner on grant applications, assist in developing other funding sources, and improve land use development standards, drainage plans and storm water management plans and provide referrals to parties, to protect the Watershed and Creek environments.
- G. **OCSD** - Partner on grant applications, assist in developing other funding sources, and development, operation and maintenance of its facilities to minimize impacts to the Watershed.
- H. **SSLOCS** - Development, operation and maintenance of its facilities to minimize impacts to the Watershed and implement measures to better maintain the continued operation of the plant under flood conditions.
- I. **RCD** - Partner on grant applications; provide outreach, education and technical assistance to Watershed landowners and Parties, for creek maintenance and environmental monitoring; pursue innovative solutions to water quality and

conservation opportunities; coordinate environmental permitting for Watershed projects, and provide project planning, management and monitoring as required.

- J. **NRCS** - Provide technical expertise and staff resources to assist in Watershed management and assist private landowners in minimizing impacts to the Watershed, as staff is available.
- K. **CCSE** - Provide environmental monitoring and fisheries assessment and dissemination of research information and findings identified in the Arroyo Grande Creek Watershed Plan; provide community education, facilitate public dialogue and outreach, develop Watershed stewardship programs, and partner on grant applications and the development of other funding resources. Facilitate and coordinate the Arroyo Grande Watershed Forum Steering Committee.
- L. **CDFG** - Provide technical expertise and staff resources in Watershed management and assist private landowners in minimizing impacts to the Watershed. Assist with the permitting process.
- M. **CDPR** - develop and implement policies and progress within the Oceano Dunes State Recreational Vehicle Area intended to minimize impacts to the Watershed.
- N. **USFWS** - Provide direction and expertise on issues concerning potential impacts to identified endangered species within the Watershed, and provide expedited review of projects and proposals developed by the Parties, to minimize identified impacts to the Watershed.

VII. FUNDING

The Parties recognize and agree that RCD may coordinate grant funding efforts and may assist in securing, where applicable, the necessary State and /or Federal grants which will be used to help fund Watershed maintenance, protection and enhancement efforts and programs. The Parties also recognize that and acknowledge that assessments have been established within Zone 1/ 1A, which initially (FY 2006-07) provide funding in the amount of \$350,000 per year, subject to annual adjustments. The Parties acknowledge and agree that said assessments do not constitute a specific funding source for implementation of this MOU other than the specific programs of Zone 1/1A which are generally referenced in Section VI(B). The Parties shall endeavor to make available other reasonable and proportionate funding and resources necessary to implement Watershed maintenance, protection, and enhancement efforts and programs, including through staffing, grants, voluntary contributions and/ or other similar resources.

VIII. DECISION MAKING

- A. The Parties will use a consensus decision-making process. A consensus does not mean the recommendation or action is every Party's first choice; it means that every

Party is reasonably satisfied with or has no strong objection to that recommendation or action and will support the decision;

- B. All Parties will be encouraged to participate in and have membership available on the Arroyo Grande Watershed Forum Steering Committee and Technical Advisory Team ("Steering Committee") that was formed in the year 2000, during the development of the Arroyo Grande Creek Watershed Management Plan (2005) and to express their opinions and concerns at the meetings, prior to decision making;
- C. Sufficient time will be provided for the Parties to seek advice from constituents, other responsible agencies, or other experts, when desired, before a decision is made.

IX. EFFECTIVE DATE, TERMINATION & MODIFICATION

1. This MOU allows, but does not obligate, the parties to this agreement to expend funds by entering into cooperative agreements or by individually undertaking the activities listed above. This MOU is neither a fiscal nor a funds obligation document. Any endeavor involving reimbursement or contribution of funds between the parties will be handled through a separate cooperative agreement between the parties and in accordance with applicable laws, regulations, and procedures including those of the Federal Acquisitions Regulations.
2. This MOU in no way restricts any party from participating in similar agreements and/or activities with other public or private entities.
3. Any party may terminate their participation in this MOU at any time by providing a 90-day written notice to all other parties.
4. New parties may be added to the MOU through a consensus of the group and by their submitting a list of activities that will be performed for the MOU and a signature sheet for this agreement.
5. By signing this agreement, the recipients assure that the program or activities provided for under this agreement will be conducted in compliance with all applicable Federal civil rights laws, rules, regulations, and policies.
6. This MOU will become effective when executed by all Parties. It will remain in force from the date of execution of this agreement unless the parties mutually agree in writing to extend the agreement for an additional specific period of time.
7. This MOU may be amended by the Parties through written mutual agreement.

[SIGNATURES PAGES FOLLOW EXHIBIT -A-]

Exhibit “A”

IMPLEMENTATION MEASURES TO AVOID OR MITIGATE IMPACTS TO THE ARROYO GRANDE CREEK WATERSHED

Arroyo Grande Creek Habitat Conservation Plan (HCP) and EA/IS
(<http://slocountywater.org/County%20Service%20Areas%20and%20Zones/zone3/agcreek.htm>)

See Section 4.0 Alternatives 1 Proposed (Preferred) Action, pages 4-1 – 4-11.

**Arroyo Grande Creek Watershed Management Plan – Geomorphic and Hydrologic
Conditions Assessment by Swanson Hydrology and Geomorphology, December 8, 2004**
(<http://www.coastalrcd.org/>)

Arroyo Grande Creek Watershed Management Plan, March, 2005
(<http://www.coastalrcd.org/>)

See Section on Recommended Projects pgs 62-73.

City of Arroyo Grande

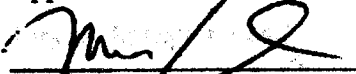
By: 
Tony Ferrara, Mayor

Date:

Attest: 
Kelly Wetmore, City Clerk

Date:

Approved as to form:


Timothy J. Cannel, City Attorney
Date:

City of Pismo Beach

By: _____
Mary Ann Reiss, Mayor

Date:

City of Grover Beach

By: _____
John Shoals, Mayor

Date:

~~San Luis Obispo County~~

~~By: _____
Jerry Lenthall, Chairperson of the Board of Supervisors.
Date:~~

**Coastal San Luis Resource
Conservation District**

By: _____
Neil Havlik, President, Board of Directors
Date:

**~~San Luis Obispo County
Flood Control District~~**

~~By: _____
Jerry Lenthall, Chairperson of the Board of Supervisors.
Date:~~

**South San Luis Obispo County
Sanitation District**

By: 
Tony Ferrara, Chairman
Date:

Central Coast Salmon Enhancement

By: _____
Stephnie Wald, Project Manager
Sarah Paddock, Executive Director
Date:

Natural Resources Conservation Service

By: _____
Ed Burton, State Conservationist, NRCS
Date:

CREEK MAINTENANCE MEMORANDUM OF UNDERSTANDING

Page 9 of 10

A16-13
4/22/2008

San Luis Obispo County

By: _____
James Patterson, Chairperson of the
Board of Supervisors.
Date:

**APPROVED AS TO FORM
AND LEGAL EFFECT
R. WYATT CASH
County Counsel**

By: Warren Jensen
Warren Jensen, Assistant County Counsel

Dated: March 25, 2008

**California Department of Parks
and Recreation**

By: _____
Mike Chrisman, Secretary of Resources
By: _____
Ruth Coleman, Director
Date:

U.S. Fish and Wildlife Service

By: _____
Steve Thompson California & Nevada
Operations (CNO) Manager
Date:

**San Luis Obispo County
Flood Control District**

By: _____
James Patterson, Chairperson of the
Board of Supervisors.
Date:

**Recommended by
San Luis Obispo County Department
of Public Works**

By: Paavo Ogren
Paavo Ogren, Director of Public Works
Date: 3/24/2008

California Department of Fish and Game

By: _____
Richard B. Rodgers, President
Ryan Broddrick, Director
Bill Loudermill, 4-Central Region Manager
Date:

EXHIBIT V

3.0 PROJECT ELEMENTS

Following completion of the Alternatives Study, the Task Force that was directed to oversee completion of the study met to discuss the proposed project alternatives and to make a decision on how to move forward. The approach selected by the Task Force was to pursue a phased implementation of Alternative 3 as funding within the local flood control district became available and/or opportunities arose to pursue grant funding or long-term loans. Alternative 3, once completely implemented, would provide flood protection up to the modeled 20-year return period. Given limited funding on an annual basis, the need to fund the environmental review and regulatory permitting, and the ongoing vegetation management program, Alternative 3 would most likely be implemented in several phases to eventually provide the expected level of flood protection (Figure 7).

Alternative 3 includes the following components:

- Annual vegetation management;
- An initial phase of sediment removal with maintenance in subsequent years;
- Raising existing levees in two stages representing protection from 10-year and 20-year floods; and,
- Raising and/or retrofitting the Union Pacific Railroad Bridge that crosses Arroyo Grande Creek to improve conveyance and reduce flood risk.

3.1 Current Efforts

Currently, the District conducts annual vegetation management, but has not conducted any sediment removal since 2001. No sediment removal has been authorized due to environmental restrictions and requirements put forth by regulatory agencies that a more comprehensive strategy be prepared to manage the flood control reach (see section 1.3).

In 2006 the RCD received a permit on behalf of the District, from California Department of Fish and Game to begin a vegetation management program through the flood control reach from approximately the Union Pacific Bridge upstream to Los Berros Creek. The vegetation maintenance program generally followed the approach laid out in the Alternative Study, limbing up existing vegetation to encourage formation of a riparian canopy, removal of smaller stems and trunks to reduce cross-sectional



FIGURE 7: Plan views of levee raise locations for Alternative 3a - Levee Smoothing (10-year protection), and Alternative 3c - Levee Raise (20-year protection). Under Alternative 3a, the north levee is raised approximately 4-inches above the south levee to provide additional protection to residential areas as compared to the south levee which is dominated by agricultural land uses. Under Alternative 3c, levee raising would occur along most of the flood control reach including the Los Berros channel.

roughness, and invasive removal. In 2007 the RCD received a permit, on behalf of the District, from the Coastal Commission to extend the vegetation management program within the Coastal Zone from the Union Pacific Railroad Bridge to just downstream of Guitton's Crossing. Vegetation management activities utilizing these principles has greatly improved the riparian canopy and complexity throughout the Arroyo Grande Creek Channel while at the same time providing increased flood protection. Improvements in the riparian canopy conditions are illustrated in Photos 4-9.

The long-term effectiveness of the existing vegetation management program, conducted by the District with assistance from the RCD, to reduce the potential for flooding on lower Arroyo Grande Creek is limited by the following factors:

1. The current vegetation management program is only permitted by short-term agreements with the California Department of Fish and Game and the California Coastal Commission. The program does not require a U.S. Army Corps of Engineers permit and therefore does not have incidental take statements issued by U.S. Fish and Wildlife and National Marine Fisheries Service that would protect the District from an enforcement action if ESA listed species were "taken" during annual maintenance activities. The current permits only allow for biological monitors to be present during maintenance activities and avoid areas where species, mainly California red-legged frog, are found. This has resulted in a lack of vegetation management along portions of the channel, creating segments where channel roughness is high relative to upstream and downstream segments and flood conveyance is low. Because overall flood conveyance is generally limited by the segment with the least conveyance, discontinuities in the vegetation management program have reduced flood conveyance along the entire flood control reach.
2. The current permit does not allow for complete removal of all woody vegetation outside the 10 foot buffer or any long-term program to manage sediment. The program proposed in the Alternatives Study was developed to protect the primary low flow channel and maintain a functional riparian corridor while providing improved flood protection by increasing conveyance. Outside the designated riparian corridor, secondary channels would be created and maintained for flood conveyance. Meeting the competing objectives of improving flood capacity and protecting aquatic and riparian resources required this compromise.

The need to address the reduced flood protection of the levee system due to sediment accumulation, the obstruction at the UPRR Bridge, and the limitations in the annual vegetation management program prompted the preparation of the WMP. The intent of the WMP is to define how lower Arroyo Grande and Los Berros Creek Channels will be managed to provide long-term reductions in flood risk and improved aquatic habitat conditions for key species of interest. The key components of the WMP



November 1999



August 2002



December 2009



include vegetation management, sediment management, two phases of levee raise, and replacement or modification of the Union Pacific Railroad Bridge.

3.2 Vegetation Management

For vegetation management activities, a differentiation is made between the Arroyo Grande Creek Channel and Los Berros Creek Channel. Because the relative size of these channels are completely different and the flood control channel reach of Los Berros lacks any appreciable flow in the summertime, vegetation management activities need to be different to reflect site conditions, opportunities, and constraints.

The vegetation management program for the Arroyo Grande Creek Channel will consist of maintaining a 10-foot buffer on both sides of the low-flow channel to provide riparian habitat and streamside cover to protect aquatic habitat (Figure 8). Where riparian vegetation exists on the Los Berros Creek Channel, a 5-foot buffer on each side of the active low flow channel will be maintained. Each buffer would be measured at breast height (i.e. - similar to the technique of measuring tree trunk diameters at breast height [DBH]) and does not necessarily represent the width of the riparian canopy. Depending upon the maturity of the trees, the upper portion of the tree canopy would likely extend well beyond the buffer width although the exact future width of the canopy would be unknown and would vary (Figure 9).

The buffer would also act to maintain a primary low-flow channel that has developed over the last several years by providing root strength along the low flow channel margins. Woody vegetation outside of the buffer would be removed completely to allow for high flows to access secondary channels (see sediment management program) and provide for increased conveyance and flood capacity. Non-woody herbaceous vegetation would not be removed as they are expected to lay down during a large flow event. Willows present within the buffer would be limbed up to reduce cross-sectional roughness but still provide adequate stream shading and riparian habitat.

Management activities within the buffer will consist of the following:

- Trees greater than 4" DBH on the banks of the active channel, from the toe of the active stream channel uphill to a distance of 10 feet from the channel (5 feet for Los Berros), will have horizontal branches trimmed to a height of not more than six feet from ground level. If creek shade is provided by adjacent larger trees, willow sprouts less than 4" DBH will be cut to within 6" of the ground. Trimming the trees on the banks in this manner will encourage growth

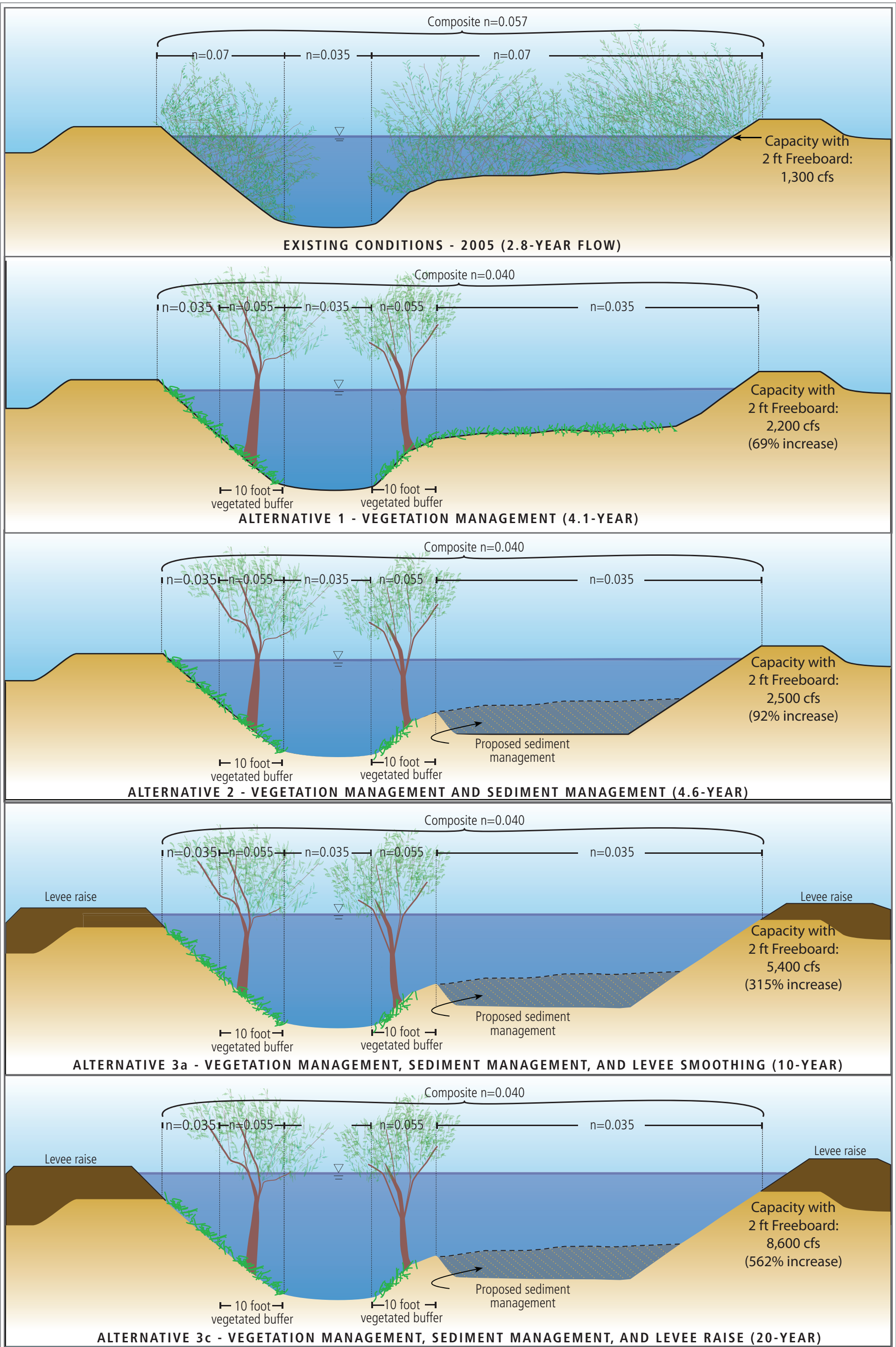


FIGURE 8: Conceptual cross-section view.

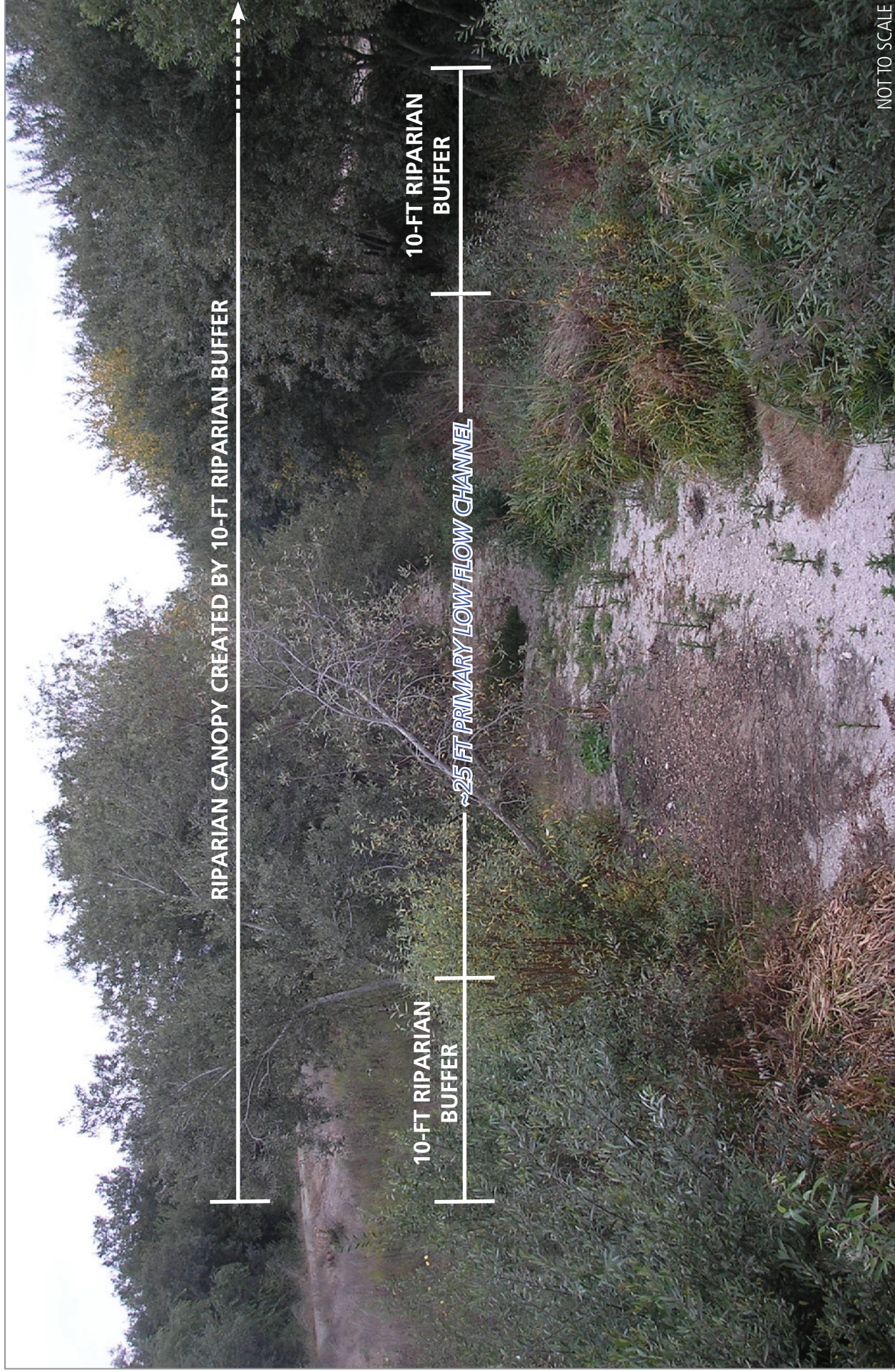


FIGURE 9: Typical view of vegetation maintenance activities.

in the upper canopy of the trees, improving their ability over time to shade the creek, while also improving channel capacity to handle high flows by lowering the roughness coefficient.

- No trees will be removed within the buffer area with the exception of trees that have fallen over and are a risk to the integrity of the levee (e.g. – lodged against levee or bridge) or have the potential to increase the risk of flooding (e.g. – have fallen across the channel and are obstructing flow). All root balls will be left intact to enable resprouting and to help stabilize soils.

All woody vegetation within the buffer occurring 50 feet upstream and 30 feet downstream of existing bridges will be removed completely.

- Vegetation management activities will be conducted by hand crews and will include the use of mechanized and non-mechanized hand equipment such as chainsaws, loppers, etc. No debris will be allowed to enter the stream channel and debris from invasive species will be separated, bagged and disposed of at a designated landfill. Native vegetation cut from the channel will be mulched on site and either used as mulch on the back side of the levees or removed to a designated off-site area.

To improve riparian habitat through the project area, existing gaps in the riparian buffer would be revegetated with native riparian species including cottonwood, sycamore, and willow, with the exception of the Los Berros portion of the project area. Los Berros Creek differs from Arroyo Grande Creek in that it is not a perennial channel therefore vegetation characteristics are different and it lacks a mature riparian corridor. Cottonwood, sycamore, and alder will be planted at random along the length of the Arroyo Grande Creek Channel to encourage long-term diversity in the riparian corridor. Vegetation management activities will be combined with an active program to remove non-native vegetation from the flood control channel. Non-native species to be actively removed include Himalayan blackberry, English ivy, fennel, weeping willow, giant reed, castor bean, poison hemlock, and geranium. Non-native species management activities could include use of goats, application of herbicides, or removal by hand of plant and rootball. Non-native vegetation removed from the channel will be bagged and disposed of accordingly to limit their spread.

Vegetation management would be conducted as often as necessary to maintain a composite roughness of 0.04 through an adaptive management approach that would include reconnaissance surveys and site visits with regulatory agency staff. Vegetation management activities would likely occur annually depending on the amount of re-growth and funding. Based on vegetation management activities that

have occurred over the last four years, regrowth of managed vegetation during the spring and summer is heavy, requiring annual maintenance.

Vegetation management involving tree trimming would occur as late as possible in the summer and fall of each year to maximize stream shading during the warmer summer months and would only occur between July 1 and October 15 of any given year. If tree trimming activities occur prior to August 15 protocols to avoid impacts to nesting birds will be followed. Vigorous regrowth of willow is expected in late winter and spring providing low, overhanging vegetation during critical months for steelhead and red-legged frog rearing (Photo 10). In the Los Berros Creek Channel, since there are few trees but an overgrowth of non-native species, vegetation management to remove the invasive species would occur in early spring to prevent the vegetation from going to seed. If activities occur prior to July 1, protocols to avoid impacts to the low flow channel will be followed. These will include a start date no earlier than April 15 in the Los Berros Channel and activities will occur when the channel is dry and with agency authorization. Removing the invasive species prior to them going to seed will reduce vigorous regrowth during the following winter/spring and promote the growth of native species.



Photo 10. Spring/early summer regrowth of vegetation in the flood control channel just upstream of the 22nd St Bridge.

3.3 Sediment Management

The need for constant dredging of the flood control channel to maintain design capacity is primarily rooted in two geomorphic principles that dictate sediment delivery and transport in the flood control reach. They include:

1. Much of lower Arroyo Grande Creek downstream of Lopez Dam historically consisted of a broad floodplain characterized by an ephemeral active channel that migrated across the floodplain in response to sediment deposition and debris jams. The loss of that function has resulted in delivery of high sediment loads to the lower reaches of the watershed resulting in excessive sediment deposition in the flood control reach.
2. The original flood control channel design did not consider the concept of a “bankfull” channel when sizing bed dimensions. Bankfull can be defined as the stage that corresponds to the discharge at which channel maintenance is the most effective. It is at the bankfull discharge where, over time, the largest volume of sediment is moved and in-stream morphologic features, such as pools and riffles, are created.

Field observations in the flood control reach, following an extended period with no appreciable dredging, suggests that a bankfull or primary low-flow channel width of approximately 20-25 feet has developed along the Arroyo Grande Creek channel (bankfull was difficult to evaluate in areas backwatered by beaver dams). The flood control channel design created a bottom width of 60-70 feet, resulting in excessive sediment deposition because flow was spread out, resulting in shallower water depths and less energy to move sediment (shear stress, a measure of the water’s ability to do work, is a function of flow depth). Consequently, the geomorphic setting and design geometry are an important reason why there is a need to constantly remove sediment from the channel. Maintenance of a primary low-flow channel, enforced by the presence of a stable riparian corridor, will improve sediment transport conditions through the flood control reach.

To enhance geomorphic function, improve flood conveyance, and "set" the flood control channel to an initial condition that will enhance sediment transport, a two step process has been proposed for sediment management within the project area. The two step process consists of an initial phase of sediment removal that will be completed the first year, followed by a long-term sediment management program that will rely on periodic monitoring of sediment conditions in the channel and consultation with permitting agencies to "reset" conditions back to the first year condition.

The first year sediment removal program will include removal of sediment on the levee side of the riparian buffers (Figure 9). Where excessive sediment has built up in the designated off-channel areas, sediment would be removed to a depth of 1.5-foot above the thalweg elevation of the Arroyo Grande Creek Channel and 1-foot above the Los Berros Creek Channel, as measured at a riffle. These depths were estimated as the appropriate bankfull depth for these channels based on field indicators. Sediment that has accumulated as a bar feature along the buffers will not be removed, thereby encouraging higher velocity flows along the primary and secondary channels and enhancing sediment transport conditions.

Overflow or secondary channels will be excavated in designated off-channel areas to create overflow paths during high flow events. In natural systems, the primary channel contains low flows, whereas secondary channels become activated during higher flows that, on average, occur once a year (Figure 10). The Arroyo Grande Creek flood control channel currently lacks the secondary channels that are found in more natural, low gradient stream environments. Based on the current configuration of the primary (low flow) channel, secondary channels will crisscross the primary channel as the primary channel meanders between the levee side slopes (see Appendix B - Preliminary Engineering Design Plans).

During high flow events, the intersection of the primary and secondary channels are expected to be areas of complex flow conditions that will create localized eddies, backwaters, and scour. To take advantage of these high energy areas and encourage development of complex cover habitat for steelhead and red-legged frog, two types of large woody structures will be constructed at these locations (see Appendix B for details on the proposed log structures). One type of large wood structure will be placed at the downstream end of each secondary channel as it conflues with the primary channel. The structure will provide protection from any headcutting into the secondary channel and therefore enforce the location of the primary channel. The structure has also been designed to encourage pool scour at the confluence and mimic an undercut bank (similar to lunger structures traditionally used to enhance fish habitat). Because pool habitat and escape cover is lacking through the flood control reach, improvements to these physical habitat characteristics are expected to greatly improve aquatic habitat. In addition, these structures will provide escape cover for adults migrating through the reach to preferred spawning and rearing habitat areas that occur upstream of the flood control reach.

The second type of large wood structure would protect the head of bar that would exist at the downstream side of the confluence. This structure would also enforce maintenance of the primary and

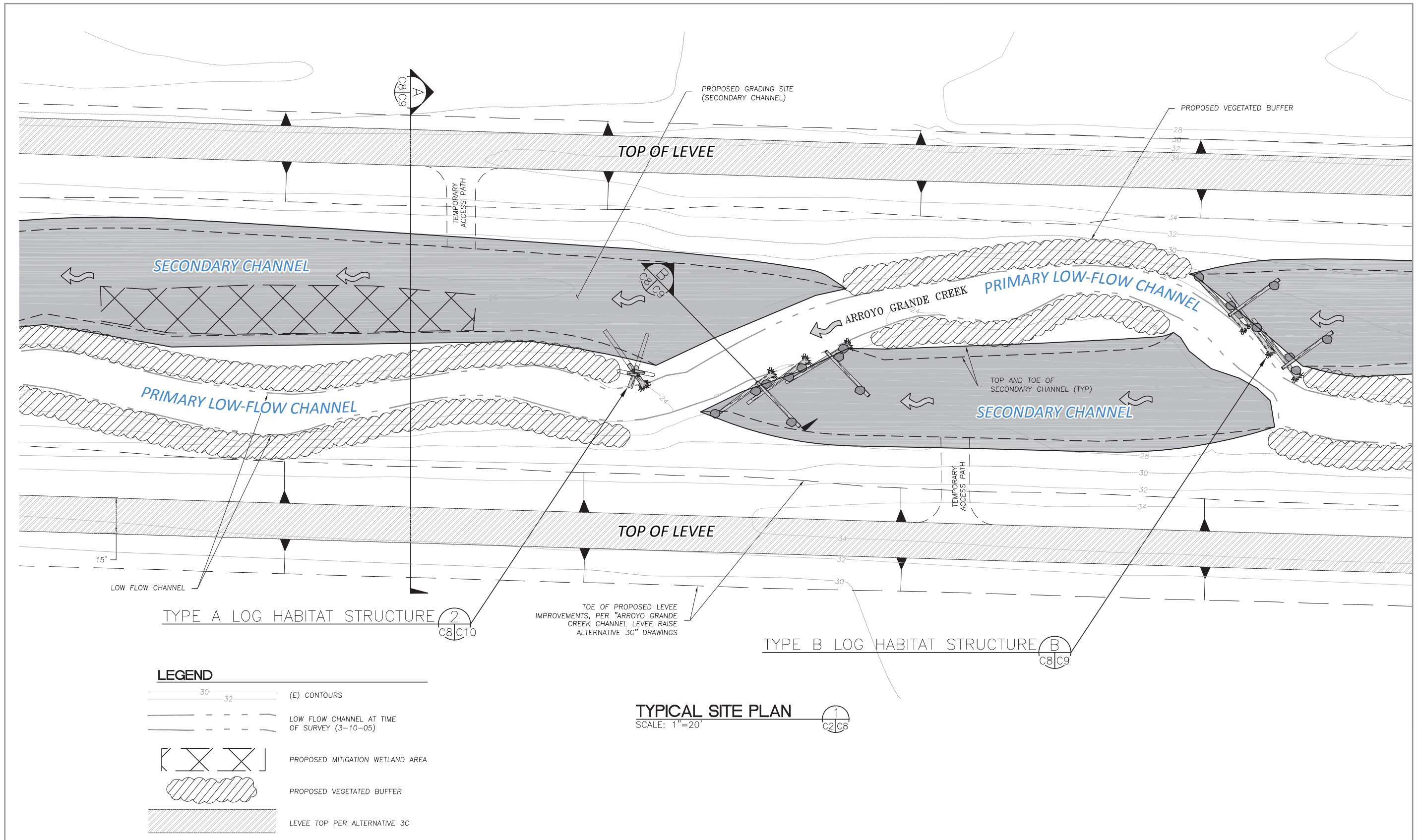


FIGURE 10
Conceptual sediment and vegetation management plans for the Arroyo Grande Creek Channel.

secondary channel locations and create a hard point that would encourage turbulence and creation of a pool at the confluence of the channels. Although both types of structures are designed to meet different habitat and channel stability objectives, they will promote pool scour, encourage variability in substrate and flow field conditions, and provide deep pools and cover habitat for steelhead and red-legged frog.

Some maintenance of the secondary channels is expected over the long-term. Post first-year sediment management activities will likely consists of an excavator, located on the top of the levee, scooping and removing built up sediment. Removed sediment will be placed in a dump truck, also located at the top of the levee, to take the sediment off-site to a County approved area. Long-term sediment management activities are not expected to involve removal of vegetation or use of equipment within areas with flowing water.

Cross-sections will be monitored periodically to assess the performance of the channel in moving supplied sediment. Modeling presented in Chapter 4 of the Alternatives Study (SH+G, 2006) suggests that increased sediment transport conditions through the flood control reach will not negatively impact the Arroyo Grande Creek lagoon. To ensure that the depth of the lagoon is not impacted, additional cross-sections will be established at the lagoon and monitored following significant runoff events. Cross-sections will also be established along the flood control reach to provide information on the need to do spot removal of accumulated sediment to ensure that the project passes target flood flows. Annual maintenance will also be a component of the overall vegetation and sediment management program. A similar program has been successful on the San Lorenzo River in Santa Cruz County despite concerns about steelhead and Coho salmon (SH+G et al, 2002). In the case of the San Lorenzo River, secondary channels have developed a gravel/cobble surface due to scouring action and lack of fine sediment deposition. The objective of the annual maintenance program is to keep the secondary channels open for flood flows.

3.4 Raise Existing Levees

A key component of the Waterway Management Program involves raising the existing levees to improve flood protection along lower Arroyo Grande Creek. The levees would likely be raised in two phases to ultimately achieve flood protection up to a 20-year flood event. The first phase would raise the levees to an elevation that would provide 10-year flood protection. The second phase would achieve the desired 20-year flood protection. Both phases would incorporate sediment and vegetation management activities to achieve the desired level of flood protection. The levees would be raised along most of

lower Los Berros Creek Channel and along Arroyo Grande Creek Channel from the Los Berros confluence to the upstream end of the lagoon (Figure 8). The existing levees will be raised with the inside slope of the levee at 2:1, the outside levee at a slope of 1.5:1 and top of levee width not less than 15 feet (see Appendix B - Engineering Design Plans for details on the proposed levee raise). All levee raising work would take place on the outside of the existing levee, where feasible, and not impinge upon the existing Ordinary High Water (OHW).

3.5 Union Pacific Railroad Bridge

The Union Pacific Railroad (UPRR) Bridge, located near the downstream end of the flood control reach, presents an obstruction to flow under current conditions (Photo 11). In addition, the bridge does not cross at a 90 degree angle to the flood control channel and the abutments do not run parallel to the flow path of Arroyo Grande Creek. Under the proposal to raise the adjacent levees to provide 20-year flood protection, the UPRR Bridge would need to be modified, raised, or replaced to enable the levee raise. The UPRR Bridge does not need to be modified for the smaller (10-year protection) levee raise project. Given funding issues, it is unclear when the bridge would be modified, raised, or replaced in relation to the proposed levee raise.



Photo 11. Union Pacific Railroad (UPRR) bridge during the 2001 flood.

Any plan to modify, raise, or replace the UPRR Bridge would require work within OHW and within the low flow active channel. A temporary shoo fly track would be constructed adjacent to the existing bridge to provide uninterrupted service along the UPRR line during construction activities. The project

may require temporary dewatering activities during certain phases of the construction which would be accompanied by standard water quality and aquatic habitat protection measures. It is also likely that a small amount of riparian vegetation would need to be removed in the riparian buffer area (beyond the already proposed vegetation removal 50 feet upstream and 30 feet downstream of the bridge), necessitating revegetation efforts following construction.

EXHIBIT W



SAN LUIS OBISPO COUNTY DEPARTMENT OF PUBLIC WORKS

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August 1, 2007

PROCEDURAL MEMORANDUM AD-15 (Revised)

TO: Division Heads

FROM: Director of Public Works

NK 8/1/07

SUBJECT: Development of Construction Contract Documents for Advertising, Bidding and Awarding of County Public Works Projects

PURPOSE

To establish a procedure to be followed in leading to the advertisement, award and administration of all Public Works Department contracts in cooperation with the County Clerk's Office.

PHASE I - Development of Project Documents Package

A. PROJECT MANAGER shall:

1. Be consulted and agree that the project conforms to its scope, schedule and budget and is ready to advertise.

B. DESIGN ENGINEER shall:

1. Review and check advertising document package for conformity; if the advertising package is not complete, no further processing shall be completed and the Project Manager shall be notified immediately.
2. Draft all contract documents produced by the Department and shall review and approve all contract documents prepared by Department consultants.
3. Submit final contract draft to County Counsel for review and signature.

4. Submit final contract, as approved and signed by County Counsel, to Public Works Director for signature.
5. Submit the entire advertising documents package to the County's Copy Center to be copied. Unless determined otherwise, 50 sets will be made.
6. Prepare a letter (board letter & cover) to the Board of Supervisors to present the proposed contract for approval and notice, and request that a bid opening date be set. The bid opening date shall be a minimum of 30 days after the Board's approving action.
7. Deliver the completed contract document package, including all Board required and signed transmittal letters, to the Supervising Administrative Clerk II no later than the two (2) weeks prior to the requested Board date; notify the Project Manager of the advertising/bid opening schedule.

C. SUPERVISING ADMINISTRATIVE CLERK I shall:

1. Use "original" contract to run 8 sets of title sheet, "Notice to Bidders" and "Proposal" (*usually approx. 11 pages total - stop copying just before Bidders Bond*). Attach one set to the County Clerk's copy of the contract and include this with the bid memo and agenda packet. Give the 6 remaining sets to the Administrative Assistant along with a copy of the board memo showing board date, bid opening date and Engineer's estimate (highlighted).
2. Distribute copies of contracts (write the bid date in all contracts on Notice to Bidders page A-2 or DB-3) as follows:
 - 1 - Is included with the agenda packet
 - 1 - County Counsel (email the contract name, # & bid date to PForan@co.slo.ca.us)
 - 1 - Project Manager (send)
 - 1 - Construction Engineer (send)
 - 1 - Soils Lab (send)
 - 1 - Road Maintenance Superintendent (send)
 - 1 - File copy (hold)
 - 1 - Resident Engineer (hold)
 - 1 - County Clerk (hold)
 - 1 - Contractor (hold)
 - 1 - State (*hold, confirm need, send if requested*)
3. Save file copy and Board cover letter per Department of Public Works standard archiving procedures.
4. Be responsible for the processing associated with contract addenda, see below.

D. RECEPTIONIST shall:

1. Hold the balance of the contracts at the front desk. At the time the Board of Supervisors approves and sets the bid opening date, the bid opening date shall be inserted in the "Notice to Bidders" section.
2. Prepare two sets of labels: one set with the Engineer's Estimate (placed in the center at the top of the contract), and one set with the Contract No., Date of Opening, and Time of Opening (placed in the lower left-hand corner of the contract). The contracts are now ready for sale.
3. Send appropriate copies to contractors' plan rooms as specified on list at reception desk.
4. Contractors coming to the office to buy contracts should be sent to the Finance Section cashier first to pay the required fee. Checks coming in by mail should also be sent through cashier.

IMPORTANT: For those individuals purchasing plans, keep a list of the names and addresses of these plan holders. This list may be needed in order to send addenda to those listed. Periodically, callers may request names of these interested parties and prospective bidders. The receptionist may provide the information from this list to those calling.

E. PROCEDURE FOR ISSUING ADDENDA: (see attachment)

1. Addenda will be initiated by either the Project Manager or the Design Engineer with approval of the Director; all individual project addenda will be numbered sequentially and shall be coordinated through the Administrative Support Section.
2. The Design Engineer shall have the addendum typed in the format as shown on Attachment A.
3. The Receptionist shall mail the addenda by an electronic facsimile to the plan holders with a return signed copy being required to be sent back as receipt of the delivery.
4. The Receptionist shall attach the addenda to all unsold contracts if the advertising period is still open.
5. The Supervising Administrative Clerk I will distribute the addenda to the original 9 who received contracts (refer to page 2).

Phase II - Bid Opening

A. DESIGN ENGINEER shall:

1. Represent the Public Works Department at the bid opening. After the bids have been opened, the County Clerk shall retain the bid bond, cashier's check or certified check accompanying the bids. The Design Engineer shall deliver the bid proposals back to the Finance Section for checking and entering into the computer based bid summary sheet.
2. Any errors or discrepancies found in a bid document submitted shall be annotated on the proposal and shall be resolved before proceeding to award; the Project Manager shall be notified of any such discrepancy.
3. Prepare a list of any sub-contractors listed in the successful bidders proposal and provide said list to the Receptionist. The Receptionist shall be informed if there were no sub-contractors listed.

B. FINANCE SECTION shall:

1. Prepare a bid summary listing all contract items and engineer's estimate.
2. Complete the bid summary on receipt of all the bid proposals, showing the contract items as bid or, in the case of error, the corrected amount of bid. Give a copy to Supervising Administrative Clerk II.
3. Give Supervising Administrative Clerk I four copies of the successful bid proposal and bid bond. Copy all pages that are filled in by the Contractor: Proposal, and pages A-5 through A-12 including Bidder's Bond.
4. Return the successful bid (with original documents and envelopes), and the unsuccessful bids and their envelopes, along with a copy of the bid summary, to the County Clerk as soon as possible and no later than 24 hours after the bid opening.

C. SUPERVISING ADMINISTRATIVE CLERK I shall:

1. Have copies made of the bid summary as follows:

<u>Number of Copies</u>	<u>Sent to</u>
1	Copy to each Bidder (to be mailed by the administrative assistant)
1	Design Engineer
1	Construction Engineer
1	State (if requested)
9	Reception for mailing to plan rooms, etc.
1	Resident Engineer
1	File copy of contract

2. Insert the successful bid proposal and bid bond into the contracts being held (Public Works' copy, County Clerk's copy, Contractor's copy, Resident Engineer's copy, and Finance Section's copy - staple sheet to each page - receptionist can do this).

D. RECEPTIONIST shall:

1. Maintain a copy of the final bid summary list and sub-contractors list for public review and information.
2. Store unsold contracts for a period of not less than sixty calendar days after which said copies shall be sent to the Design Engineer.

Phase III - Contract Awarding

A. DESIGN ENGINEER shall:

1. Check funding with Project Manager and the Finance Section before scheduling the award of contract. The Finance Section reviews and writes fiscal portion of the Board of Supervisors memo to award the contract.
2. Verify that the contractor's license is valid and current before awarding contract.

3. Following a review of the bids by the Design Engineer, have a Board letter prepared recommending the awarding of the contract, to include contingency amounts, change order thresholds, and allowances for traffic control if required; also, a memorandum to the County Clerk containing an explanation of any errors or discrepancies in bid proposals.

B. SUPERVISING ADMINISTRATIVE CLERK I shall:

1. Process Board letter for the agenda. Attach copies of the letter to the contracts provided to the Resident Engineer and the Finance Section.
2. A Division of Apprenticeship Standards Form (DAS13) should be completed and forwarded to the Design Engineer for signature (V:Design-LGG-apprenticeship. Go to page DB 11 or A-8 for info in contract).

C. DESIGN ENGINEER shall:

1. Prepare, after approval of the award by the Board of Supervisors, a "Notice of Award" letter to the successful low bidder. The letter, along with the Clerk's and the Contractor's (and State's, if required) copies of the contract, shall be mailed by Certified Mail, Return Receipt Requested or hand delivered. Upon the return of the receipt, the Supervising Administrative Clerk I shall provide the delivery date and anticipated contract document return date to the Design Engineer and assigned Resident Engineer. Contractor shall be requested to sign the contract documents and to provide the Performance Bond, the Payment Bond, and Insurance Certificates, as required. Contractor has 15 days, not including Sundays and holidays, from receipt of award letter to mail bonds and signed contract back to the Department. Said letter shall instruct contractor to return the signed contracts to the Supervising Administrative Clerk I, who shall in turn, notify the Design Engineer of their return to the Department.
2. Upon receipt of the bonds, insurance forms and signed contracts, check the insurance and bonds for accuracy. If insurance and bonds are not in order, contact the Contractor to submit proper documents and inform the Project Manager and Resident Engineer.
3. Note expiration dates on insurance certificates to verify coverage through construction activity and notify the Resident Engineer of compliance.
4. Review submitted documents for DBE requirements, if required.
5. Return the reviewed contracts and bonds to Supervising Administrative Clerk I for processing.

D. SUPERVISING ADMINISTRATIVE CLERK II shall:

1. Make copies of all of the bonds and insurance documents submitted by the Contractor and staple them into the Department's copies of the contract. Fill in the appropriate blanks in the Agreement. *(Put originals in clerk's copy & put date of bid award & contractor's name on 1st page of agreement in all agreements).*
2. Deliver the signed contracts (Clerk's and Contractor's) to the Clerk's office *(put a post-it that reads Vicki/Katrina, please sign both contracts and call me to pick up ours. Thanks, Cherrie, Public Works, Ext. 2420)* who will stamp the signature of the Board of Supervisors Chairperson. The Clerk's copy of the contract remains there. Bring the Contractor's copy back.
3. Copy the contract signature page and staple the copy in the Department's 3 copies of the contract. Upon direction of the Design Engineer, a "Notice to Proceed" letter shall be mailed to the Contractor along with their executed copy of the contract. Send by Certified Mail Return Receipt Requested or it can be hand delivered. If hand delivered, the Contractor will need to sign and date at the bottom of the letter, said letter will then be returned to the Supervising Administrative Clerk I for filing with the project documents.
4. Send a copy of the "Notice to Proceed" to the Resident Engineer, along with his copy of the contract. When the return receipt is received, send a copy to the Resident Engineer so they will know when it was signed. If hand delivered, send a copy of the signed letter.
1. Send file copy of the contract to file clerk. If applicable, send State their copy.

E. FINANCE SECTION shall:

Prepare an original pay estimate form with contract items of prices as bid. Put the ORIGINAL estimate forms in our file copy of the contract. When requested, make copies for the resident engineers.

F. PROJECT MANAGER shall:

Have a Resident Engineer Pending File prepared for construction. If appropriate, include any necessary funding letters.

Phase IV - Construction

A. RESIDENT ENGINEER shall:

1. Upon receipt of the "Notice to Proceed" the Resident Engineer assumes the responsibility for the administration of the contract to its completion and final payment.
2. A news release and Resident Engineer's Report of Assignment will be made on the project. On Caltrans projects, the Construction Engineer will write a letter to Caltrans requesting that the Resident Engineer have the authority to approve work on contract change orders with prior approval, up to \$3,500.
3. The Resident Engineer will set up and keep current a set of contract records following the applicable procedures as outlined in the Department of Transportation Construction Manual.
4. Secure any equipment warranty certificates, equipment manuals and/or operations procedures for the Project Manager; coordinate warranty inspections, approval and acceptance of equipment with the Project Manager; coordinate equipment operational handoff with the Project Manager and responsible Division's maintenance personnel.
5. The minimum records that will be required on any contract are as follows:
 - a. Resident Engineer's Daily Report, Form CD 934, filled in daily with a copy going to the Construction Engineer and then to the contract file. Original to be kept with the Resident Engineer's records.
 - b. Assistant Resident Engineer's Daily Report of Equipment and Labor, Form CD 887, filled in daily with a copy going to the Construction Engineer and then to the contract file. The original form is to be kept with the Resident Engineer's records.
 - c. The Weekly Statement of Working Days, Form DC 714, filled in weekly with a copy to the Construction Engineer and the contract file and a copy to the contractor.
 - d. Financial Records, consisting of a minimum of one Contract Item Quantity Sheet for each contract item and additional sheets for each contract change order written; records shall be consistent with the provisions and requirements in the Construction Manual.
 - e. Project Record Estimates will be made out from the Resident Engineer's quantity calculation sheets for each pay period and filed in the Resident Engineer's records.

- f. Contract Change Orders shall be written, processed and approved as outlined in the Construction Manual.
 - g. Copies of Daily Extra Work Reports, complete with copies of invoices, will be submitted to Finance Section with the progress estimates. The Resident Engineer will verify hours and rates shown on the Daily Extra Work Reports before submitting and the original Daily Extra Work Reports will be filed with project records. The Finance Section will check the accuracy of DEWR's; if corrections are made, a corrected copy will be returned to the Resident Engineer.
 - h. When required, maintain all records associated with EEO/Labor Compliance Standards and DBE compliance documents.
 - i. Job site safety records.
- 6. Use the 20th day of each month for progress payments. The Resident Engineer will prepare all received records needed for the pay estimate and forward to the same to the contract accountant by the end of the third working day following the 20th.
- 7. At the completion of the project, the Resident Engineer, acting as the representative of the Public Works Director, will perform the final inspection and acceptance. The Resident Engineer will then notify the Supervising Administrative Clerk II and the Construction Engineer to prepare the Notice of Completion and Acceptance for the Board of Supervisors' approval. The Resident Engineer shall also provide the Finance Section with the estimated total cost of construction.
- 8. Forward to the Contractor three copies of the Statement of Final Quantities and the Proposed Final Estimate for approval when all of the following work is completed: the Notice of Completion and Acceptance has been turned in; Weekly Statement of Working days has been completed; all contract items and extra work has been checked, posted and balanced; deductions determined and posted; liquidated damages and adjustment of compensation determined and posted.
- 9. Begin the processing of the Final Estimate when the Statement of Final Quantities has been approved by the Contractor.
- 10. Produce "As-Constructed" plans for the project and shall deliver said plans to the Director of Public Works within 6 months of the filing of the Notice of Completion.

B. SUPERVISING ADMINISTRATIVE CLERK I shall:

1. Prepare, upon the request of the Resident Engineer, a Notice of Completion and Acceptance and Resolution for presentation to the Board of Supervisors. A copy of the agenda material shall be sent to the Finance Section contract accountant.
2. Upon receipt of the recording date of the Notice of Completion, give the Finance Section a copy of the recorded documents and place a copy in the project file.

C. RESIDENT ENGINEER shall:

1. Complete the Final Report, including the project's final financial data from Finance Section, and send it to the Administrative Support Section. A typed draft is returned to the Resident Engineer for review. After reviewing the report, the Resident Engineer returns the draft and attachments for final preparation, signature and filing.
2. Convene a "Final Project Review" meeting to include the Project Manager, Design Engineer, Resident Engineer, and Financial Section Manager; said meeting shall be held within 30 days of the completion of the Final Report.
3. Have fulfilled their responsibility on the project when the Final Report is completed and the "Record Drawings" plans are submitted to the Director; said plans shall be submitted to the Director within 6 months of the completion of the Final Report.

D. SUPERVISING ADMINISTRATIVE CLERK I shall:

After Final Report has been completed, send original, with cover letter, to the County Clerk. File a copy in the contract file. Contract file may now be sent to closed files at the Operational Center, if not needed for Audit (check with Finance Section regarding this). "Record Drawings" plans shall be returned to the Design Engineer for filing and storage.

ATTACHMENT A

Example of Addenda Format

(Date)

**FAX ONLY &
ATTACH TO CONTRACT**

ADDENDUM NO. 1 TO

[TITLE OF CONTRACT]

CONTRACT NO.

Although a specification for erosion control is included in the special provisions, no erosion control measures are to be included in this contract.

Survey monument wells shall conform to the attached drawing.

All bidders, shall acknowledge acceptance of this correction notice, **PLEASE FAX TO US, TODAY, A SIGNED COPY OF THIS SHEET INDICATING CONFIRMATION OF RECEIPT OF THIS ADDENDUM (FAX (805)781-1229)**. If you are unable to read the fax, please call George Gibson in the Public Works Department at (805)781-4469.

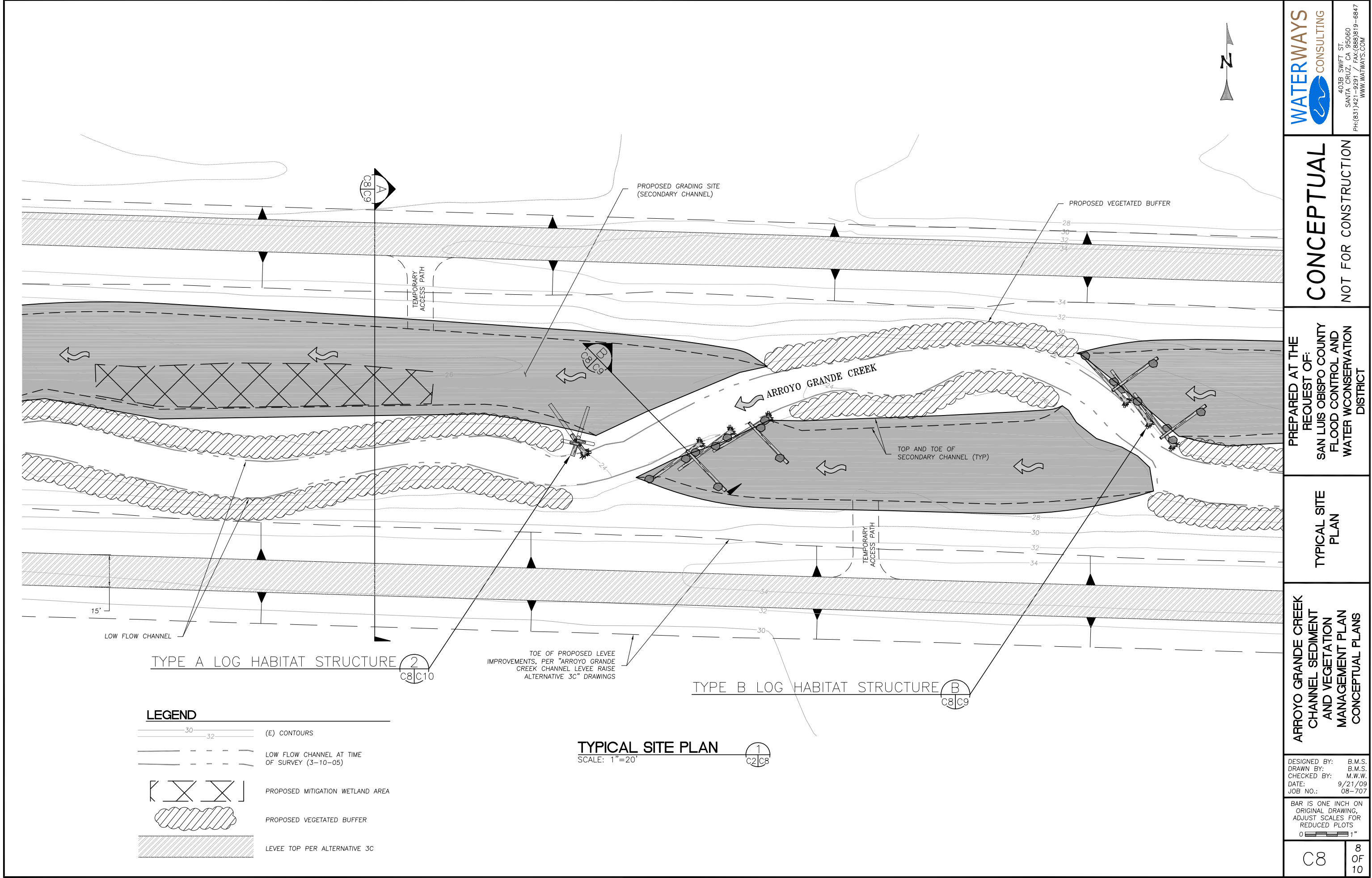
NOEL KING
Public Works Director

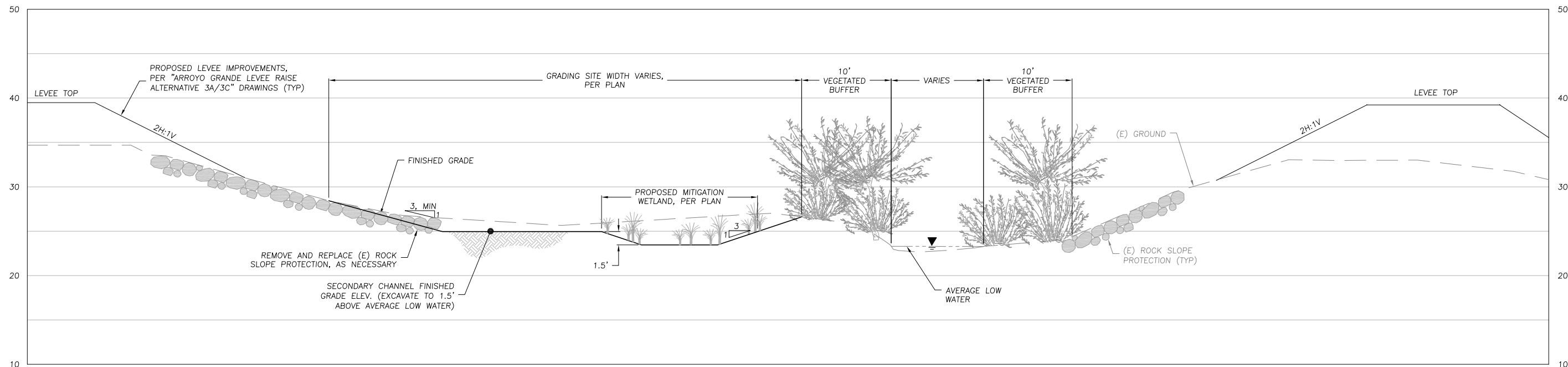
File: Contract No.

ACKNOWLEDGMENT

Company Name Printed Name Signature Date

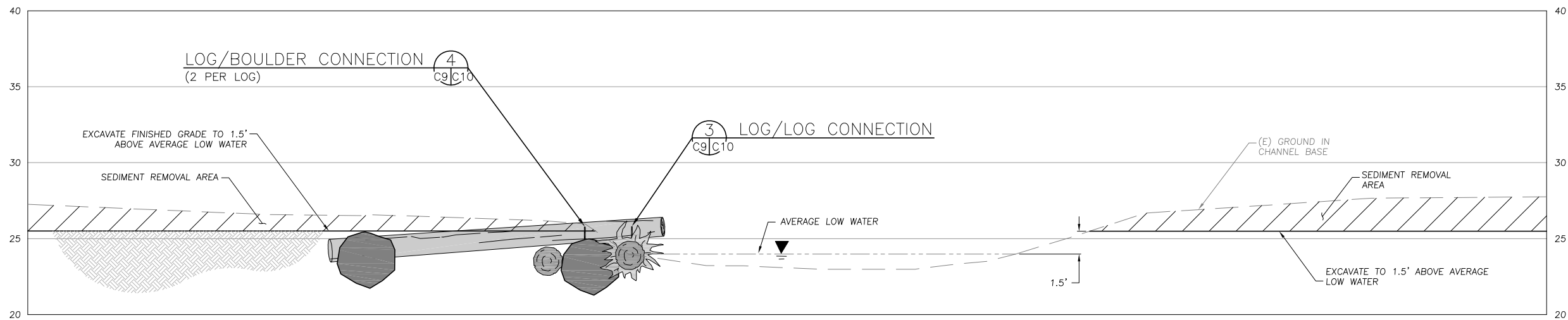
EXHIBIT X





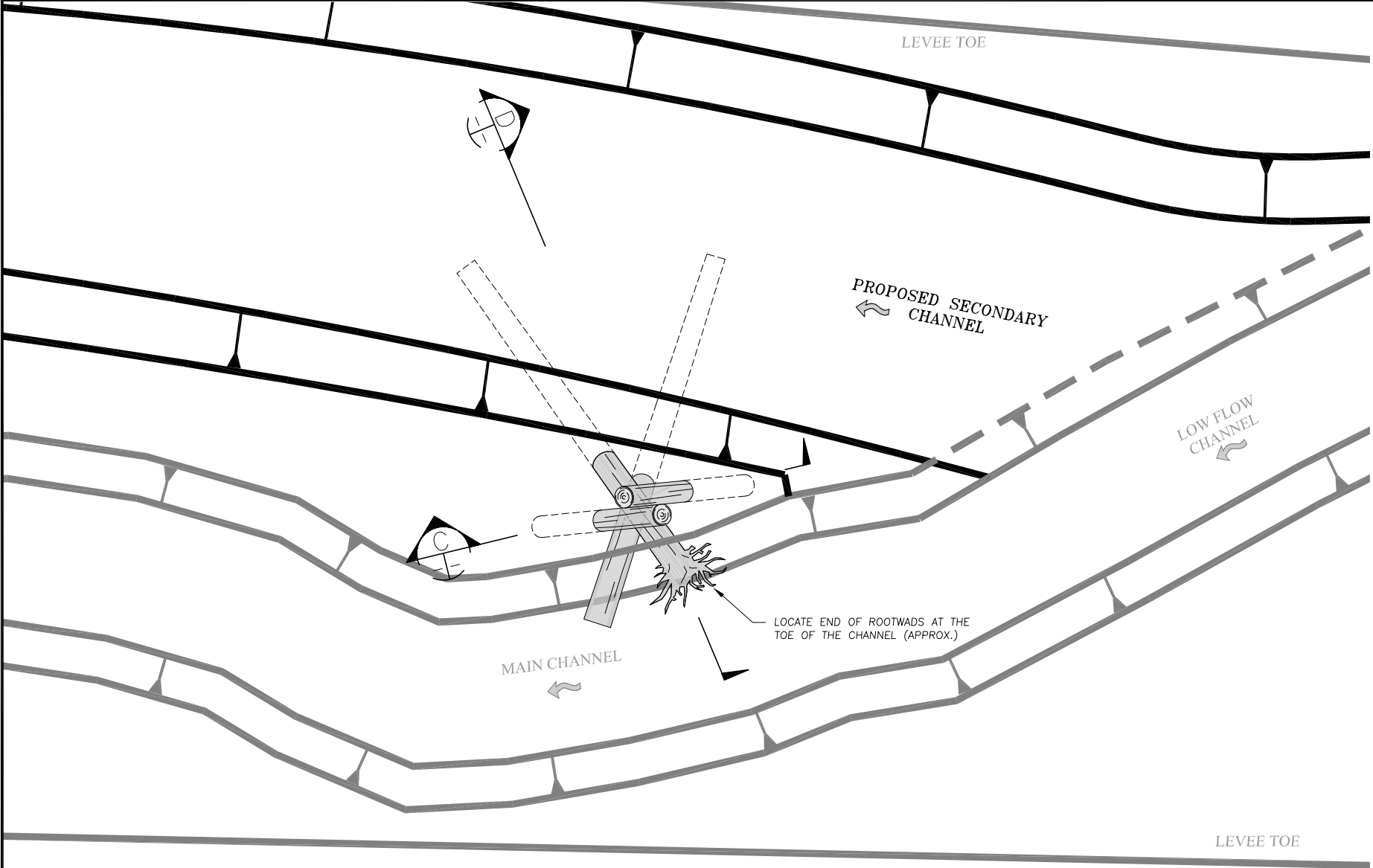
- NOTES:
1. REMOVE IMPOUNDED SEDIMENT BETWEEN PROPOSED VEGETATED BUFFER AND LEVEE TOE. EXCAVATED SLOPES SHALL NOT EXCEED 3H:1V. EXCAVATE TO 1.5 FEET ABOVE AVERAGE LOW WATER. DO NOT DISTURB EXISTING LOW FLOW CHANNEL.
 2. REMOVE VEGETATION FROM OUTSIDE OF VEGETATED BUFFER TO TOP OF LEVEE.

TYPICAL SECTION
SCALE: 1"=6'

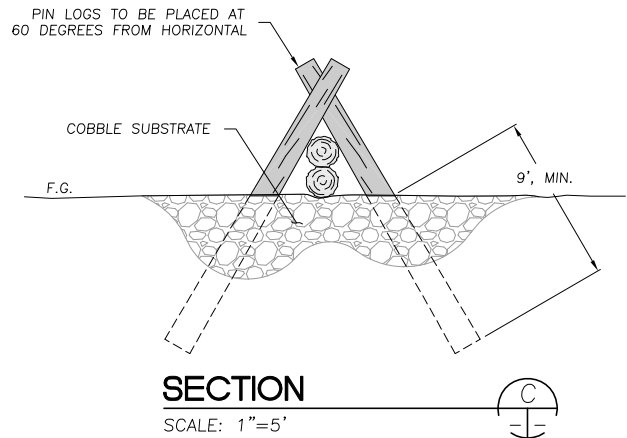


TYPE B LOG HABITAT STRUCTURE SECTION
SCALE: 1"=4'

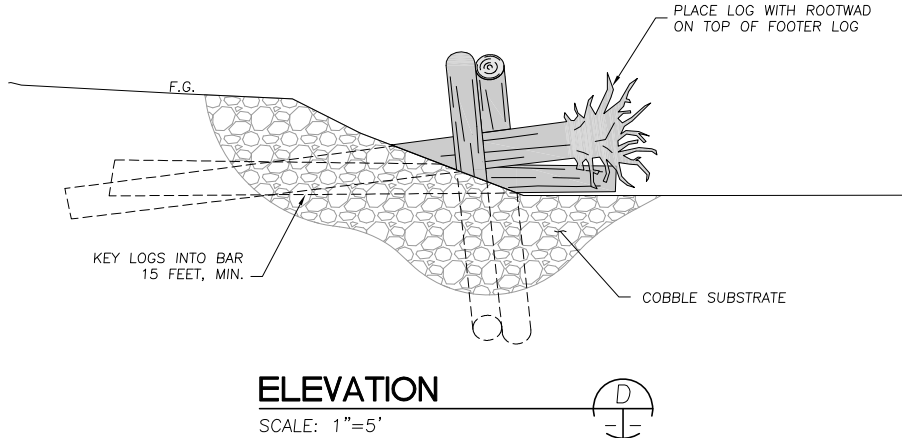




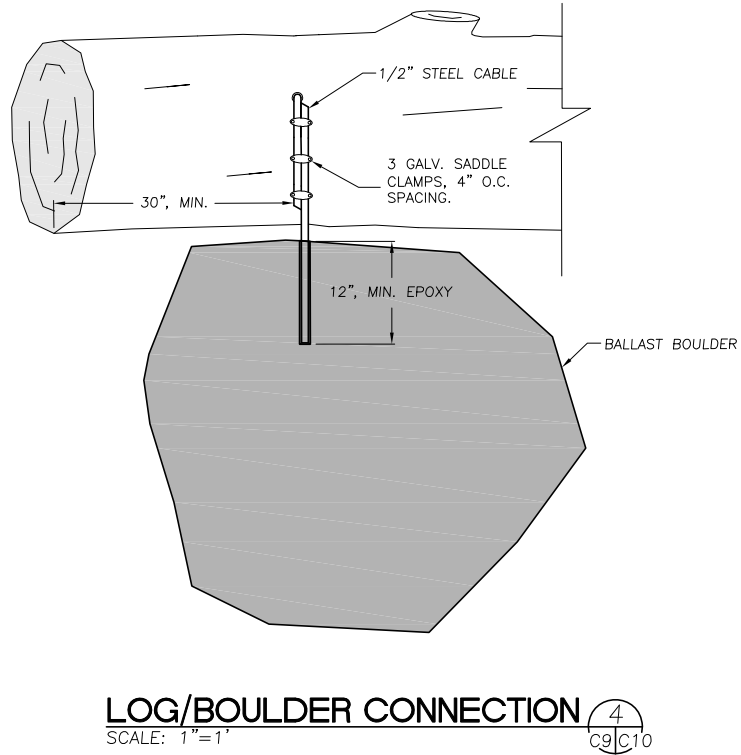
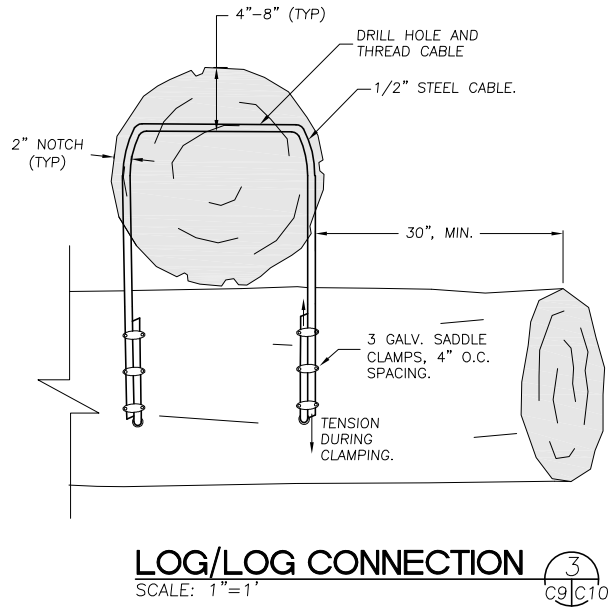
TYPE A LOG HABITAT STRUCTURE
SCALE: 1"=5' 2
C8 | C10



SECTION
SCALE: 1"=5' C



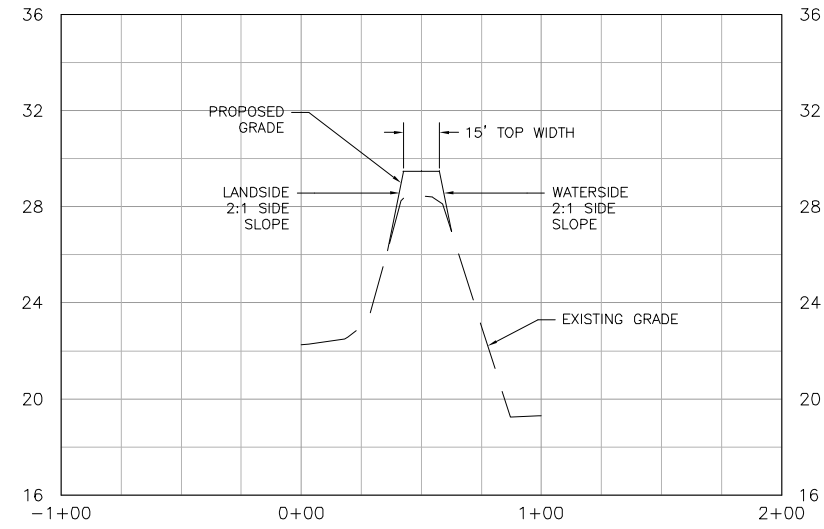
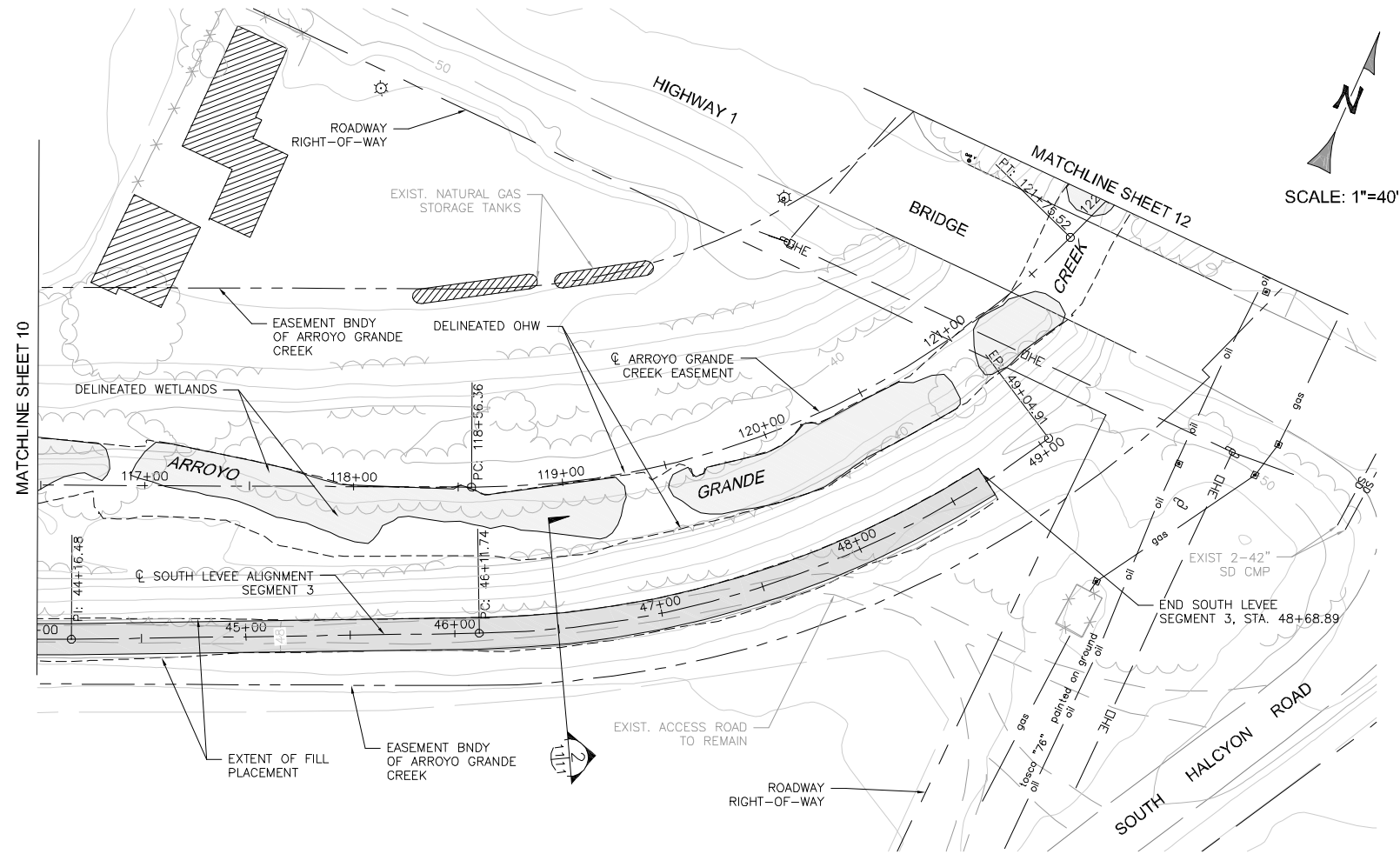
ELEVATION
SCALE: 1"=5' D



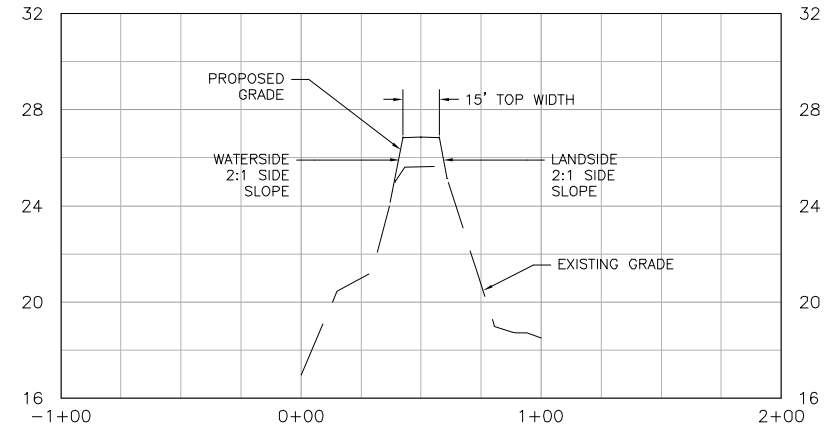
LOG/BOULDER CONNECTION
SCALE: 1"=1' 4
C9 | C10

WATERWAYS CONSULTING 403B SWIFT ST. SANTA CRUZ, CA 95060 PH: (831) 421-9291 / FAX: (888) 819-6847 WWW.WATWAYS.COM	
CONCEPTUAL NOT FOR CONSTRUCTION	
PREPARED AT THE REQUEST OF: SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
DETAILS	
ARROYO GRANDE CREEK CHANNEL SEDIMENT AND VEGETATION MANAGEMENT PLAN CONCEPTUAL PLANS	
DESIGNED BY: DRAWN BY: CHECKED BY: DATE: JOB NO.:	B.M.S. B.M.S. M.W.W. 9/21/09 08-707
BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES FOR REDUCED PLOTS 0 1"	
C10	10 OF 10

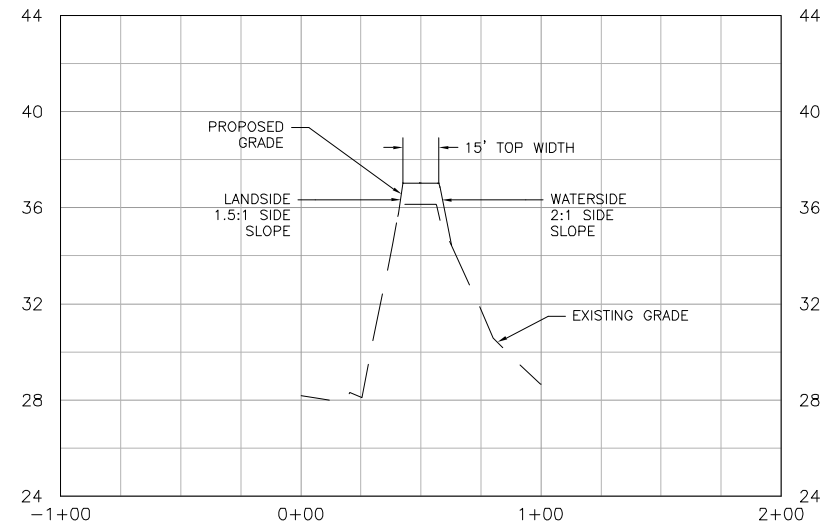
EXHIBIT Y



SECTION 1
NORTH LEVEE
SCALE: H:1"=40'; V:1"=4'



SECTION 2
SOUTH LEVEE
SCALE: H:1"=40'; V:1"=4'



SECTION 3
NORTH LEVEE
SCALE: H:1"=40'; V:1"=4'

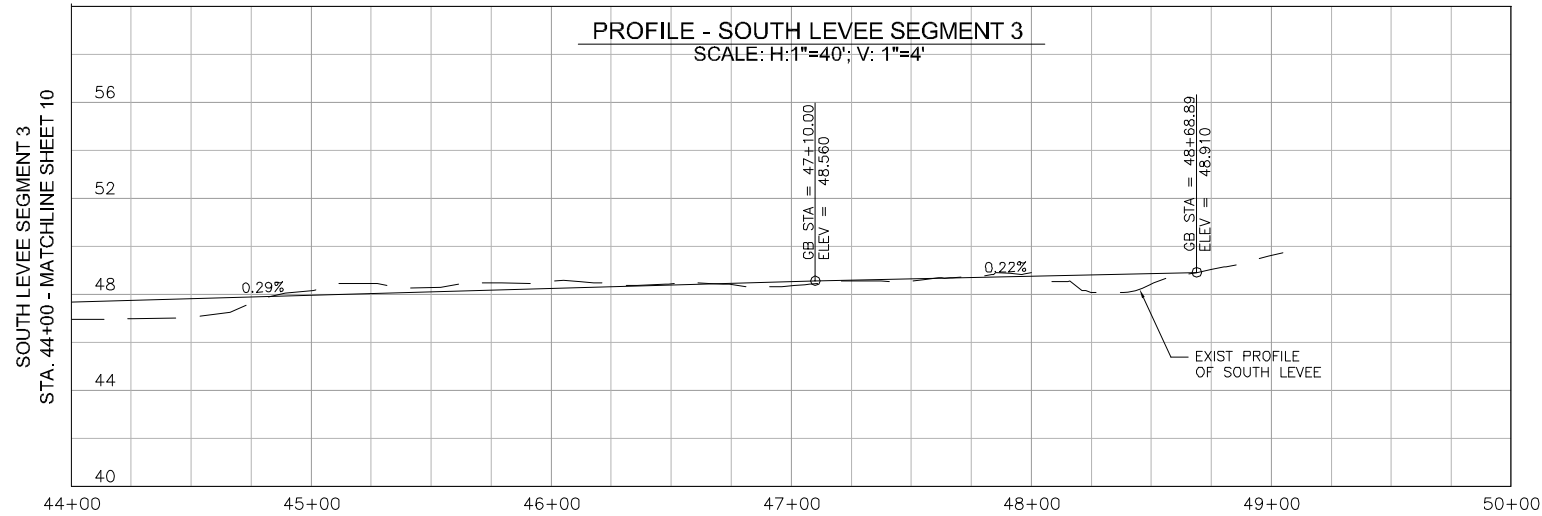


EXHIBIT Z



LAND USE PERMIT APPLICATION PACKAGE

SAN LUIS OBISPO COUNTY DEPARTMENT OF PLANNING AND BUILDING

976 OSOS STREET • ROOM 200 • SAN LUIS OBISPO • CALIFORNIA 93408 • (805) 781-5600

Promoting the Wise Use of Land • Helping to Build Great Communities

NOTE: Your application is public record and information regarding your application is available both in person at the Department of Planning and Building in the County Government Center and on the County Planning and Building Department's website. All references to names, addresses, telephone numbers, email addresses and project information are part of this public record. All applications must be filed under the property owner's name and address of the property that is the subject of the application; however, you may use an alternate contact address and telephone number.

REQUIRED CONTENTS

The following information is required to be submitted with your application. If any information is missing, your application may be returned to you until such time as all required materials are included with the submittal.

COPIES – Please provide the following number of copies:

- ☐ 15 copies of the Completed General Application Form
- ☐ 1 copy of the Consent of Landowner Form (if applicant does not own the property)
- ☐ 15 copies of the Completed Land Use Permit Application Form
- ☐ 1 copy of the Environmental Description Form
- ☐ 1 copy of the Signed Information Disclosure Form
- ☐ Completed Accessory Application Form(s) (if applicable) - Curb, Gutter & Sidewalk Waiver, Tree Removal, Variance, Lodge Hill, etc. (these forms are NOT in this package and can be obtained at the Planning and Building Front Counter)

FEES – Application fees will be calculated at the time of submittal (see last page for fee summary).

PLANS - If any of the information included as part of this application is available in digital format, please enclose the information via digital media.

SITE LAYOUT PLAN - an accurate drawing of the property. The site plan must show the following items (where they apply to your site):

- ☐ Exterior boundaries and dimensions of the entire site.
- ☐ North arrow and scale.
- ☐ Slope Contour Map (except when a grading plan is required) showing the following:
 - Inside urban reserve lines* - show contours at 5-foot intervals for undeveloped areas and 2-foot intervals for building sites and paved or graded areas.
 - Outside urban reserve lines* - show contours at 10-foot intervals for undeveloped areas and 2-foot intervals for building sites.
 - Steep slopes* - areas in excess of 30% slope may be designated as such and contours omitted, unless proposed for grading, construction or other alterations.

- ☐ General location of major topographic and man-made features, such as rock outcrops, bluffs, streams, swales and graded areas.
- ☐ Location, dimensions and use of all existing and proposed structures on the property, including buildings, decks, balconies, fences, walls, and other structural elements that extend into yard areas.
- ☐ Location, name, width, and pavement type of adjacent and on-site streets/alleys.
- ☐ Existing/proposed curbs, gutters & sidewalks. All points of access, both existing and proposed.
- ☐ Types and location of existing/proposed water supply and sewage disposal facilities.
- ☐ Location and dimensions of all existing/proposed easements, driveways and parking areas (enclosed or open), including pavement type.
- ☐ Location, diameter (at 4 feet above grade), species, approximate canopy cover (dripline) of all trees on the site, noting which will remain and which are proposed for removal, and include proposals for replacement of trees to be removed.
- ☐ All areas proposed for grading and landscaping.
- ☐ Any areas proposed to be reserved and maintained as open space.
- ☐ Location, use and approximate dimensions of all structures within 100 feet of the site's boundaries.
- ☐ A vicinity map showing precisely how to drive to the site. (include street names and distances to help with describing how to get to the site)
- ☐ Coastal Access - If the project is within the coastal zone and located between the ocean and the nearest public road, applications shall include the locations of the nearest public access points to the beach

PRELIMINARY FLOOR PLANS AND ARCHITECTURAL ELEVATIONS - showing height of buildings and structures, color, texture and material of exterior finishes and roofing (not required for most agricultural buildings).

ELEVATIONS - (relative height) from the finish floor of the garage or other parking area to the edge of the pavement or road at the driveway entrance.

COPIES OF PLANS - If any of the information included as part of this application is available in digital format, please enclose the information via digital media.

Full-Sized Plans

- ☐ 7 copies of all drawings in a full-size format (larger than 11 by 17 inch page).

Reductions

- ☐ 8 copies of all drawings reduced to the size of an 8-1/2 by 11 inch page.
- ☐ 1 copy of all drawings reduced to the size of an 11 by 17 inch page.

OTHER INFORMATION

Legal Lot Verification - how the parcel(s) was legally created.

Abandoned oil and gas wells - if applicable - information is available from the California Division of Oil & Gas, Post Office Box 227, Santa Maria, California 93456, (805) 925-2686.

SUPPLEMENTAL INFORMATION

The following information may be required to be submitted before a review of the application can be completed. If you had a pre-application meeting, and items are checked on this checklist, they are required to be submitted with your application.

- ☐ Preliminary Landscaping Plan prepared pursuant to Section 22/23.04.180 et seq.
- ☐ Fire Safety Plan prepared pursuant to Section 22/23.05.080 et seq.
- ☐ Preliminary Grading/Drainage Plan - when required by Section 22/23.05.020 & .040
- ☐ Agricultural Buffers - if adjacent parcels are used for agriculture, show all proposed agricultural buffers.
- ☐ Archeological Report - where required, submit two copies.
- ☐ Botanical Report - where required, submit two copies.
- ☐ Biological Report - where required, submit two copies.
- ☐ Building Site Envelopes - on site layout plan show all areas proposed for development, or areas proposed to be excluded from development.
- ☐ Noise Study - if the property either adjoins or will be a noise generator or a potential source of noise.
- ☐ Traffic Study - where required, submit two copies.
- ☐ Geologic Report - where required, submit two copies.
- ☐ Visual Analysis - for applications that propose development along significant visual corridors (such as Highway 101 and 1).
- ☐ Location, size, design and text of all existing and proposed signs.
- ☐ Location and design of solid waste disposal facilities - as required by Section 22/23.04.280.
- ☐ Cross-section drawings. The drawings shall include two sectional views of the project, approximately through the middle and at right angles to each other. The existing and proposed grades and the location of and distances between buildings, parking and landscaping shall also be provided.
- ☐ Supplemental Development Statement stating the project's phasing schedule (if one is proposed), and any information that is pertinent or helpful to the understanding of the proposal, such as photos, statistical data, petitions, etc.
- ☐ Water will-serve letter OR Well pump test (4-72 hour).
- ☐ Sewer will-serve letter OR Percolation tests.
- ☐ County Public Works road requirements.
- ☐ Road Plan and Profile / Culvert Plan and Profile / Streetscape Plan.
- ☐ Cost Accounting Agreement.

GENERAL APPLICATION FORM

San Luis Obispo County Department of Planning and Building

File No _____

APPLICATION TYPE - CHECK ALL THAT APPLY

- | | | | |
|---|---|---|---|
| <input type="checkbox"/> Emergency Permit | <input type="checkbox"/> Tree Permit | <input type="checkbox"/> Plot Plan | <input type="checkbox"/> Zoning Clearance |
| <input type="checkbox"/> Site Plan | <input type="checkbox"/> Minor Use Permit | <input type="checkbox"/> Variance | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> Conditional Use Permit/Development Plan | | <input type="checkbox"/> Surface Mining/Reclamation Plan | |
| <input type="checkbox"/> Curb, Gutter & Sidewalk Waiver | | <input type="checkbox"/> Modification to approved land use permit | |

APPLICANT INFORMATION Check box for contact person assigned to this project

☐ Landowner Name Dave Flynn, Deputy Director of Public Works Daytime Phone (805) 781-5252
Mailing Address County Government Center, Room 207; San Luis Obispo, CA Zip Code 93408
Email Address: dflynn@co.slo.ca.us

☐ Applicant Name SLOFCWCD - Dave Flynn Daytime Phone (805) 781-5252
Mailing Address County Government Center, Room 207; San Luis Obispo, CA Zip Code 93408
Email Address: dflynn@co.slo.ca.us

☒ Agent Name Keith Miller Daytime Phone (805) 305-0829
Mailing Address 1422 Monterey St, C200; San Luis Obispo, CA Zip Code 93401
Email Address: klmiller@swca.com

PROPERTY INFORMATION

Total Size of Site: approximately 31.09 acres in CZ Assessor Parcel Number(s): multiple (refer to Table 3-1 in EIR)

Legal Description: Portion of flood control zone 1/1A

Address of the project (if known): n/a - corridor project

Directions to the site (including gate codes) - describe first with name of road providing primary access to the site, then nearest roads, landmarks, etc.: Levees can be accessed from Highway 1, 22nd Street, Los Berros Road, Valley Road, Century Lane. Please contact applicant and/or agent for access directions

Describe current uses, existing structures, and other improvements and vegetation on the property:

Project site is an existing flood control channel along lower Arroyo Grande and Los Berros Creeks.

PROPOSED PROJECT

Describe the proposed project (inc. sq. ft. of all buildings): Increase and maintain flood capacity of Arroyo Grande Creek and Los Berros Creek channels by managing vegetation, sediment, and raising levees. Refer to EIR and WMP.

LEGAL DECLARATION

I, the owner of record of this property, have completed this form accurately and declare that all statements here are true. I do hereby grant official representatives of the county authorization to inspect the subject property.

Property owner signature Dave Flynn Deputy Director Date 2/8/11
County Department of Public Works

FOR STAFF USE ONLY

Reason for Land Use Permit: _____

CONSENT OF LANDOWNER

San Luis Obispo County Department of Planning and Building

File No _____

I (we) the undersigned owner of record of the fee interest in the parcel of land located at (print address):
SLO Co. Flood Control easement along AG Creek, identified as Assessor Parcel Number
various, for which a construction permit, land use permit, land
division, general plan or ordinance amendment, or LAFCo application referral is being filed with the county
requesting an approval for: Coastal Development Permit (specify type of project, for example:
addition to a single family residence; or general plan amendment), do hereby certify that:

1. Such application may be filed and processed with my (our) full consent, and that I (we) have authorized the agent named below to act as my (our) agent in all contacts with the county and to sign for all necessary permits in connection with this matter.
2. I (we) hereby grant consent to the County of San Luis Obispo, its officers, agents, employees, independent contractors, consultants, sub-consultants and their officers, agents, and employees to enter the property identified above to conduct any and all surveys and inspections that are considered appropriate by the inspecting person or entity to process this application. This consent also extends to governmental entities other than the county, their officers, agencies, employees, independent contractors, consultants, sub-consultants, and their officers agents or employees if the other governmental entities are providing review, inspections and surveys to assist the county in processing this application. This consent will expire upon completion of the project.
3. If prior notice is required for an entry to survey or inspect the property. Please contact:
Print Name: Nola Engelskirger
Daytime Telephone Number: (805) 781-2800
4. I (we) hereby give notice of the following concealed or unconcealed dangerous conditions on the property flowing water, active agricultural operations, traffic

PERSON OR ENTITY GRANTING CONSENT:

Print Name: Dave Flynn, Deputy Director of Public Works

Print Address: County Government Center, Room 207; San Luis Obispo, CA 93408

Daytime Telephone Number: (805) 781-5252

Signature of landowner: Dave Flynn Date: 2/8/11

AUTHORIZED AGENT:

Print Name: Keith Miller

Print Address: 1422 Monterey St. Suite C200; San Luis Obispo, CA 93401

Daytime Telephone Number: (805) 305-0829

Signature of authorized agent: Keith Miller Date: 02.09.11

LAND USE PERMIT APPLICATION

San Luis Obispo County Department of Planning and Building

File No _____

Type of project: ☐ Commercial ☐ Industrial ☐ Residential ☐ Recreational ☒ Other

Describe any modifications/adjustments from ordinance needed and the reason for the request (if applicable): none

Describe existing and future access to the proposed project site: Existing acces is from Highway 1, 22nd St Valley Road, Century Lane. The project would not change the access.

Surrounding parcel ownership: Do you own adjacent property? ☐ Yes ☒ No

If yes, what is the acreage of all property you own that surrounds the project site? _____

Surrounding land use: What are the uses of the land surrounding your property (when applicable, please specify all agricultural uses):

North: Agriculture; Industrial; Res Multi Family

South: Agriculture

East: Agriculture

West: Agriculture; Recreation, Open Space

For all projects, answer the following:

Square footage and percentage of the total site (approximately) that will be used for the following:

Buildings: 0 sq. feet _____ % Landscaping: 0 sq. feet _____ %

Paving: 0 sq. feet _____ % Other (specify) levee improvements 3.53 acres

Total area of all paving and structures: no paving or structures proposed ☐ sq. feet ☐ acres

Total area of grading or removal of ground cover: 0-5.96 per year ☐ sq. feet ☒ acres

Number of parking spaces proposed: 0 Height of tallest structure: 0

Number of trees to be removed: varies annually Type: willow, riaparian

Setbacks: Front 0 Right 0 Left 0 Back 0

Proposed water source: ☐ On-site well ☐ Shared well ☒ Other Ag wells needed for dust control

☐ Community System - List the agency or company responsible for provision: _____

Do you have a valid will-serve letter? ☐ Yes ☒ No (If yes, please submit copy)

Proposed sewage disposal: ☐ Individual on-site system ☒ Other Temp. toilets during construction

☐ Community System - List the agency or company responsible for sewage disposal: _____

Do you have a valid will-serve letter? ☐ Yes ☐ No (If yes, please submit copy)

Fire Agency: List the agency responsible for fire protection: CAL FIRE

For commercial/industrial projects answer the following:

Total outdoor use area: _____ ☐ sq. feet ☐ acres

Total floor area of all structures including upper stories: _____ sq. feet

For residential projects, answer the following:

Number of residential units: _____ Number of bedrooms per unit: _____

Total floor area of all structures including upper stories, but not garages and carports: _____

Total of area of the lot(s) minus building footprint and parking spaces: _____

ENVIRONMENTAL DESCRIPTION FORM

San Luis Obispo County Department of Planning and Building

File No _____

The California Environmental Quality Act (CEQA) requires all state and local agencies to consider and mitigate environmental impacts for their own actions and when permitting private projects. The Act also requires that an environmental impact report (EIR) be prepared for all actions that may significantly affect the quality of the environment. The information you provide on this form will help the Department of Planning and Building determine whether or not your project will significantly affect the quality of the environment.

To ensure that your environmental review is completed as quickly as possible, please remember to:

- Answer **ALL** of the questions as accurately and completely as possible.
- Include any additional information or explanations where you believe it would be helpful or where required. Include additional pages if needed.
- If you are requesting a land division or a re-zoning, be sure to include complete information about future development that may result from the proposed land division or rezoning.
- Include references to any reports or studies you are aware of that might be relevant to the questions asked or the answers you provide.

Should a determination be made that the information is inaccurate or insufficient, you will be required to submit additional information upon request.

Physical Site Characteristic Information

Your site plan will also need to show the information requested here:

- Describe the topography of the site:
Level to gently rolling, 0-10% slopes: 31.09 acres
Moderate slopes of 10-30%: 0 acres
Steep slopes over 30%: 0 acres
- Are there any springs, streams, lakes or marshes on or near the site? ☒ Yes ☐ No
If yes, please describe: Arroyo Grande Creek, lagoon, Los Berros Creek
- Are there any flooding problems on the site or in the surrounding area? ☒ Yes ☐ No
If yes, please describe: Project site is a flood control facility
- Has a drainage plan been prepared? ☐ Yes ☒ No
If yes, please include with application.
- Has there been any grading or earthwork on the project site? ☒ Yes ☐ No
If yes, please explain: Historical levee construction and maintenance activities
- Has a grading plan been prepared? ☒ Yes ☐ No
If yes, please include with application.
- Are there any sewer ponds/waste disposal sites on/adjacent to the project? ☒ Yes ☐ No
- Is a railroad or highway within 300 feet of your project site? ☒ Yes ☐ No
- Can the proposed project be seen from surrounding public roads? ☒ Yes ☐ No
If yes, please list: Highway 1, 22nd St, Los Berros, Valley Road, Century Lane

Water Supply Information

1. What type of water supply is proposed?
☒ Individual well ☐ Shared well ☐ Community water system
2. What is the proposed use of the water?
☐ Residential ☐ Agricultural - Explain Water needed temporarily for dust control
☐ Commercial/Office - Explain _____
☐ Industrial – Explain _____
3. What is the expected daily water demand associated with the project? variable, generally none
4. How many service connections will be required? 0
5. Do operable water facilities exist on the site?
☒ Yes ☐ No If yes, please describe: Agricultural wells exist which may be used for dust control
6. Has there been a sustained yield test on proposed or existing wells?
☐ Yes ☒ No If yes, please attach.
7. Does water meet the Health Agency's quality requirements?
Bacteriological? ☐ Yes ☐ No
Chemical? ☐ Yes ☐ No
Physical ☐ Yes ☐ No
Water analysis report submitted? ☐ Yes ☒ No
8. Please check if any of the following have been completed on the subject property and/or submitted to County Environmental Health.
☐ Well Driller's Letter ☐ Water Quality Analysis ☐ OK or ☐ Problems
☐ Will Serve Letter ☐ Pump Test _____ Hours _____ G.P.M.
☐ Surrounding Well Logs ☒ Hydrologic Study ☒ Other refer to EIR

Please attach any letters or documents to verify that water is available for the proposed project.

Sewage Disposal Information

If an on-site (individual) subsurface sewage disposal system will be used:

1. Has an engineered percolation test been accomplished?
☐ Yes ☒ No If yes, please attach a copy.
2. What is the distance from proposed leach field to any neighboring water wells? n/a feet
3. Will subsurface drainage result in the possibility of effluent reappearing in surface water or on adjacent lands, due to steep slopes, impervious soil layers or other existing conditions?
☐ Yes ☒ No
4. Has a piezometer test been completed?
☐ Yes ☒ No
5. Will a Waste Discharge Permit from the Regional Water Quality Control Board be required?
☒ Yes ☐ No (*a waste discharge permit is typically needed when you exceed 2,500 gallons per day*)

If a community sewage disposal system is to be used:

1. Is this project to be connected to an existing sewer line? ☐ Yes ☒ No
Distance to nearest sewer line: _____ Location of connection: _____
2. What is the amount of proposed flow? 0 G.P.D.
3. Does the existing collection treatment and disposal system have adequate additional capacity to accept the proposed flow? ☐ Yes ☐ No

Solid Waste Information

1. What type of solid waste will be generated by the project?
☐ Domestic ☐ Industrial ☐ Agricultural ☒ Other, please explain? greenwaste; sediment
2. Name of Solid Waste Disposal Company: n/a
3. Where is the waste disposal storage in relation to buildings? n/a
4. Does your project design include an area for collecting recyclable materials and/or composting materials? ☒ Yes ☐ No

Community Service Information

1. Name of School District: Lucia Mar
2. Location of nearest police station: 1681 Front St, Oceano
3. Location of nearest fire station: 1655 Front St, Oceano
4. Location of nearest public transit stop: Highway 1, Oceano
5. Are services (grocery/other shopping) within walking distance of the project? ☐ Yes ☒ No
If yes, what is the distance? _____ feet/miles

Historic and Archeological Information

1. Please describe the historic use of the property:
Flood control facility was constructed in 1950's. Agricultural production has existed at the site for over 100 years
2. Are you aware of the presence of any historic, cultural or archaeological materials on the project site or in the vicinity? ☒ Yes ☐ No
If yes, please describe: Phase I report notes resources in vicinity but not onsite. Refer to EIR
3. Has an archaeological surface survey been done for the project site? ☒ Yes ☐ No
If yes, please include two copies of the report with the application.

Commercial/Industrial Project Information

Only complete this section if you are proposing a commercial or industrial project or zoning change.

1. Days of Operation: _____ Hours of Operation: _____
2. How many people will this project employ? _____
3. Will employees work in shifts? ☐ Yes ☐ No
If yes, please identify the shift times and number of employees for each shift _____
4. Will this project produce any emissions (i.e., gasses, smoke, dust, odors, fumes, vapors)?
☐ Yes ☐ No If yes, please explain: _____
5. Will this project increase the noise level in the immediate vicinity? ☐ Yes ☐ No
If yes, please explain: _____
(If loud equipment is proposed, please submit manufacturers estimate on noise output.)
6. What type of industrial waste materials will result from the project? Explain in detail: _____
7. Will hazardous products be used or stored on-site? ☐ Yes ☐ No
If yes, please describe in detail: _____
8. Has a traffic study been prepared? ☐ Yes ☐ No If yes, please attach a copy.

9. Please estimate the number of employees, customers and other project-related traffic trips to or from the project: Between 7:00 - 9:00 a.m. _____ Between 4:00 to 6:00 p.m. _____
10. Are you proposing any special measures (carpooling, public transit, telecommuting) to reduce automobile trips by employees ☒ Yes ☐ No
If yes, please specify what you are proposing: _____
11. Are you aware of any potentially problematic roadway conditions that may exist or result from the proposed project, such as poor sight distance at access points, connecting with the public road?
☒ Yes ☐ No If yes, please describe: _____

Agricultural Information

Only complete this section if your site is: 1) Within the Agricultural land use category, or 2) currently in agricultural production.

1. Is the site currently in Agricultural Preserve (Williamson Act)? ☒ Yes ☐ No
2. If yes, is the site currently under land conservation contract? ☒ Yes ☐ No
3. If your land is currently vacant or in agricultural production, are there any restrictions on the crop productivity of the land? That is, are there any reasons (i.e., poor soil, steep slopes) the land cannot support a profitable agricultural crop? Please explain in detail: leveed creek does not support ag, however adjacent lands are highly productive. Refer to EIR

Special Project Information

1. Describe any amenities included in the project, such as park areas, open spaces, common recreation facilities, etc.(these also need to be shown on your site plan): none
2. Will the development occur in phases? ☒ Yes ☐ No
If yes describe: sediment and vegetation management would occur first in year 1. levee raise would follow.
3. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? ☒ Yes ☐ No If yes, explain: An additional levee raise (3C) would potentially be implemented after proposed project is implemented, depending on funding and subsequent env rvw.
4. Are there any proposed or existing deed restrictions? ☒ Yes ☐ No
If yes, please describe: the easments on properties adjacent to levees have restrictions

Energy Conservation Information

1. Describe any special energy conservation measures or building materials that will be incorporated into your project *: none

*The county's Building Energy Efficient Structures (BEES) program can reduce your construction permit fees. Your building must exceed the California State Energy Standards (Title 24) in order to qualify for this program. If you are interested in more information, please contact the Building Services Division of the Department of Planning and Building at (805) 781-5600.

Environmental Information

1. List any mitigation measures that you propose to lessen the impacts associated with your project:
Numerous avoidance, minimization, and mitigation measures have been developed in the for the proposed project.
Please refer to the EIR and WMP for more information.

2. Are you aware of any unique, rare or endangered species (vegetation or wildlife) associated with the project site? ☒ Yes ☐ No

If yes, please list: steelhead, CA re-legged frog, marsh sandwort, gambel's watercress. refer to EIR

3. Are you aware of any previous environmental determinations for all or portions of this property? ☒ Yes ☐ No

If yes, please describe and provide "ED" number(s): SCH EIR #2009061030

Other Related Permits

1. List all permits, licenses or government approvals that will be required for your project (federal, state and local): CDP; 1600 (DFG); Section 401/404 USACOE and RWQCB; Caltrans encroachment permit

(If you are unsure if additional permits are required from other agencies, please ask a member of the Planning Department staff currently assigned in either Current Planning or the Environmental Division.)

INFORMATION DISCLOSURE FORM

San Luis Obispo County Department of Planning and Building

File No _____

TIME LIMITS FOR PROCESSING AND PUBLIC NOTICE DISTRIBUTION REQUIREMENTS - California state law (California Government Code Section 65941.5) requires that the county provide the following information to applicants, when a permit application is filed:

Not later than 30 days after a land use or land division application is received, the county must notify the project applicant or designated representative in writing either that the application is complete, or that items are necessary to complete the application. If you are not notified in writing, the application is considered complete. Any land use or land division application must be approved or denied within three months of adoption of the Negative Declaration or determination that the project is exempt, or within six months of the certification of an Environmental Impact Report. The County of San Luis Obispo processes the land use application and the environmental review concurrently, so these decisions are made simultaneously. (Government Code Sections 65943 and 65950, et seq.)

A project applicant may make a written request to the county to receive notice of any proposal to adopt or amend the general plan and the land use, real property division, building and construction, road name and addressing, and growth management ordinances which might reasonably be expected to affect that applicant's project. The county offers a subscription service for notification of either: (1) all applications received by the county, or (2) Planning Commission agendas. The cost for each of these services is established by the county fee ordinance. (Government Code Sections 65945, 65945.3 and 65945.5)

When a property was created through recordation of a final or parcel map, and it is within five years of recordation, the county cannot withhold or condition the issuance of building permits for residential units based on conformance with conditions that could have been imposed as conditions of the tentative map, except where: (1) A failure to do so would place subdivision residents or residents in the immediate area in a condition perilous to health, safety or both; or (2) The condition is required in order to comply with state or federal law. (Government Code Section 65961)

Copies of Government Code Sections are available at the County of San Luis Obispo Law Library, County Government Center, San Luis Obispo, California.

RIGHT TO FARM DISCLOSURE - The County of San Luis Obispo recognizes the statewide policy to protect and encourage Agriculture. Sections 3482.5 and 3482.6 of the California Civil Code and Chapter 5.16. of the San Luis Obispo County Code protect certain, pre-existing agricultural production and processing operations ("agricultural operation") from nuisance claims. If your property is near a protected agricultural operation, you may be subject to certain inconveniences and/or discomforts which are protected by law. In order for the agricultural operation to be protected, the following requirements of Civil Code Sections 3482.5 and 3482.6 must be satisfied:

(1) The agricultural operation must be conducted or maintained for commercial purposes; (2) The agricultural operation must be conducted or maintained in a manner consistent with proper and accepted customs and standards as established and followed by similar agricultural operations in the same locality; (3) The agricultural operation predated the affected use(s) on your property; (4) The agricultural operation has been in existence for more than three years; and (5) The agricultural operation was not a nuisance at the time it began.

If your property is near an agricultural operation in the unincorporated area of the County which satisfies the above requirements, you may at times be subject to one or more inconveniences and/or discomfort arising from that operation. Such inconveniences may include (depending upon the type of agricultural operation protected), but are not necessarily limited to, the following: noise, odors, fumes, dust, legal pesticide use, fertilizers, smoke, insects, farm personnel and truck traffic, visual impacts, night time lighting, operation of machinery and the storage, warehousing and processing of agricultural products or other inconveniences or discomforts associated with the protected agricultural operations. For additional information pertaining to this disclosure and the Right to Farm Ordinance, or concerns with an agricultural operation, please contact the San Luis Obispo County Agricultural Commissioner's Office.

HAZARDOUS WASTE AND SUBSTANCE SITES AND LANDFILL DISCLOSURE - Please verify whether your project is on the Known Hazardous Waste and Substances Sites List pursuant to AB 3750 and if you are within 1/2 mile of certain landfills (see back of sheet).

PLEASE COMPLETE AND SIGN BELOW

I acknowledge that I have read and understand the information and policy and detailed above: (1) Time Limits for processing and (2) Public Notice Distribution requirements and (3) the Right to Farm Disclosure.

AND

I acknowledge that I have reviewed the list of Identified Hazardous Waste and Substances Sites List and the Landfill Disclosure on the back of this form and find the following: (1) The site is not shown on the list of Identified Hazardous Waste and Substances Site; (2) The site is not shown on the list dated April 1998, or any later list published by the State Office of Planning and Research and (3) I have read the disclosure statement on landfill operations.

Dave Flynn
Signature

2/8/11

Date

Print Name: Dave Flynn, Deputy Director of Public Works

SAN LUIS OBISPO COUNTY IDENTIFIED HAZARDOUS WASTE SITES – April, 1998

IMPACT CITY: ARROYO GRANDE

Site: Union Oil Co - Santa Maria refinery
Location: Willow Rd. north of Guadalupe
City: Arroyo Grande Zip: 93420
Source: DHS1

IMPACT CITY: CAMBRIA

Site: Hampton Hotel
Location: 2601 Main Street
City: Cambria Zip: 93428
Source: WRCB Problem: Tank Leak

Site: Cambria General Store
Location: 850 Main Street
City: Cambria Zip: 93428
Source: WRCB Problem: Tank Leak

Site: Chevron
Location: 2194 Main Street
City: Cambria Zip: 93428
Source: WRCB Problem: Tank Leak

IMPACT CITY: CAYUCOS

Site: Chevron
Location: 12 N. Ocean Boulevard
City: Cayucos Zip: 93430
Source: WRCB Problem: Tank Leak

Site: Bob's Corner Store
Location: 198 N. Ocean Boulevard
City: Cayucos Zip: 93430
Source: WRCB Problem: Tank Leak

IMPACT CITY: CHOLAME

Site: Hearst Corp.
Location: Highway 46
City: Cholame Zip: 93431
Source: WRCB Problem: Tank Leak

IMPACT CITY: LOS OSOS

Site: Los Osos Valley Garage
Location: 1099 Los Osos Valley Road
City: Los Osos Zip: 93402
Source: WRCB Problem: Tank Leak

Site: Los Osos Landfill
Location: Turri Road
City: Los Osos Zip: 93402
Source: CIWMB
Problem: Groundwater Contamination

IMPACT CITY: LOS PADRES

Site: Ozena Station
Location: Highway 33 Zip: 93023
Source: WRCB Problem: Tank Leak

IMPACT CITY: OCEANO

Site: Bell Craig (from service station)
Location: 1899 Cienega
City: Oceano Zip: 93445
Source: WRCB Problem: Tank Leak

IMPACT CITY: PASO ROBLES

Site: Camp Roberts Site 936
Location: Highway 101
City: San Miguel Zip: 93451
Source: WRCB Problem: Tank Leak

Site: San Paso Truck & Auto
Location: Wellsona Road
City: Paso Robles Zip: 93446
Source: WRCB Problem: Tank Leak

IMPACT CITY: SAN LUIS OBISPO

Site: Unocal Tank Farm Facility
Location: 276 Tank Farm Road
City: San Luis Obispo Zip: 93401
Source: WRCB Problem: Tank Leak

Site: Hearn Trucking
Location: 4902 Edna Road
City: San Luis Obispo Zip: 93401
Source: WRCB Problem: Tank Leak

Site: Camp San Luis Obispo
Location: Highway 1 west of Highway 101
City: San Luis Obispo Zip: 93401
Source: WRCB Problem: Tank Leak

Site: SLO Golf & Country Club
Location: 255 Country Club
City: San Luis Obispo Zip: 93401
Source: WRCB Problem: Tank Leak

IMPACT CITY: SAN SIMEON

Site: Chevron
Location: 9540 Castillo Drive
City: San Simeon Zip: 93452
Source: WRCB Problem: Tank Leak

IMPACT CITY: SANTA MARGARITA

Site: Kaiser Sand & Gravel
Location: El Camino Real
City: Santa Margarita Zip: 93453
Source: WRCB Problem: Tank Leak

Site: Pacific Beverage
Location: 22255 El Camino Real
City: Santa Margarita Zip: 93453
Source: WRCB Problem: Tank Leak

IMPACT CITY: TEMPLETON

Site: Templeton Mobile
Location: 701 Las Tablas
City: Templeton Zip: 93465
Source: WRCB Problem: Tank Leak

LANDFILL OPERATIONS DISCLOSURE EL POMAR/ESTRELLA PLANNING AREA

If your site is located within 1/2 mile of either the Paso Robles Municipal or the Chicago Grade Landfills (see maps on file with the Department of Planning and Building), this acts to notify you of your proximity to a landfill operation and all of the associated inconveniences and discomforts resulting from the continuing and future operation of such landfill, including possible expansions. Persons living near landfills may contact the California Integrated Waste Management Board (916) 341-6413 to seek available remedies concerning any improper or unlawful activities at the landfill.